2016 ANNUAL COMPLIANCE REPORT STORM WATER MANAGEMENT PROGRAM

HONOLULU HARBOR NGPC HI 03KB482 KALAELOA BARBERS POINT HARBOR NGPC HI 03KB488



MĀLAMA I KE KAI – Protect Our Harbor Waters





DEPARTMENT OF TRANSPORTATION, HARBORS DIVISION

79 South Nimitz Highway Honolulu, Hawaii 96813

January 27, 2017

Certification:

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

Signature:	1	Date: 1.24.17
Printed Name:	Ford N. Fuchigami	
Title:	Director of Transportation	hall gain to a linearraine of Geography (

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ATTACHMENTS ON CD

Public Education, Outreach, and Involvement

- 1. Newspaper Advertisement Describing Harbors Pollution Prevention Efforts
- 2. DOT Harbors Division 2016-2017 Fiscal Year Calendar
- 3. Volunteer Information and Waste Removal Statistics
- 4. Fox Valve Flier and Fact Sheets

Training

- 5. Tenant Training
 - a. Training Notice Letter with BMP sheets and Questionnaire
 - b. Presentation Slides
 - c. Sign-In Sheets
 - d. Tenant Environmental Manager of the Year (TEMY) Awards
 - e. Training Feedback Summary and Completed Surveys
 - f. Questionnaires Results Summary and Completed Questionnaires
- 6. Construction and Post Construction Training
 - a. Presentation Slides
 - b. Sign-In Sheets
 - c. Completed Surveys
- 7. Harbors Employee Survey and Results Summary
- 8. IDDE Training
 - a. Presentation Slides
 - b. Sign-In Sheets
 - c. Completed Questionnaires
- 9. Inspector Training
 - a. Tenant Inspection Manual (TIM) Presentation Slides
 - b. Sign-In Sheets
 - c. Completed Questionnaires

Illicit Discharge Detection and Elimination

- 10. Tenant Inventory, Risk Rank and Inspection Summary
- 11. Outfall Reconnaissance Inventory (ORI)
 - a. ORI Inspection Form
 - b. 2016 Honolulu Harbor ORI Report
 - c. 2016 Kalaeloa ORI Report
 - d. 2016 Kipa ORI Report

- e. 2016 Outfall Prioritization Report
- 12. Tenant Illicit Discharge Investigations
- 13. Other MISC Illicit Discharge Investigations

Construction / Post-Construction

- 14. Construction Project Inventory and Inspection Summary
- 15. DOT Harbors Projects Review Inventory
- 16. Tenant Projects Review Inventory

Miscellaneous Information

- 17. Kalaealoa Harbor Stockpile Inspection Report
- 18. Hot Spot Definition
- 19. MS4 and Permanent BMP Inspection Log
- 20. Street Sweeper Log
- 21. Photographic Documentation
- 22. Administrative Extension of NGPC for Honolulu Harbor
- 23. Administrative Extension of NGPC for Kalaeloa Harbor

PREPARED BY: ENVIROSERVICES AND TRAINING CENTER, LLC

ACRONYMS

ACOE Army Corps of Engineers ACR Annual Compliance Report

AG State of Hawaii, Department of the Attorney General

BMP Best Management Practices CCH City and County of Honolulu

CM Construction Manager

DOH-CWB State of Hawaii, Department of Health, Clean Water Branch

DOT State of Hawaii, Department of Transportation

EPA U.S. Environmental Protection Agency

ERP Enforcement Response Plan

ETC EnviroServices and Training Center, LLC

GIS Geographic Information System HAR Hawaii Administrative Rules

HAR-E Harbors Division, Engineering Branch

HAR-EC Harbors Division, Engineering Branch, Construction Section HAR-ED Harbors Division, Engineering Branch, Design Section

HAR-EE Harbors Division, Engineering Branch, Environmental Section HAR-EM Harbors Division, Engineering Branch, Maintenance Section HAR-EP Harbors Division, Engineering Branch, Planning Section

HAR-O Harbors Oahu District

HAR-OCG Harbors Oahu District, Custodial & Grounds Maintenance Unit

HAR-OM Harbors Oahu District, Maintenance Unit

HAR-PM Harbors Division, Property Management Section HAR-SI Harbors Division, Management Information Systems

IDDE Illicit Discharge Detection and Elimination

KBPH Kalaeloa Barbers Point Harbor MOA Memorandum of Agreement

MS4 Municipal Separate Storm Sewer System

NOI Notice of Intent

NPDES National Pollutant Discharge Elimination System

O&M Operation and Maintenance Plan

ORIIP Outfall Reconnaissance Inventory Inspection Program

P2 Pollution Prevention

PM Harbors Division Project Manager

SSS O&M Storm Sewer System Operations and Maintenance Plan

SWMP Storm Water Management Plan
TIM Tenant Inspection Manual
TMDL Total Maximum Daily Load

VGP Vessel General Permit

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

Municipality/Organization: State of Hawaii

Department of Transportation

Harbors Division

State of Hawaii NPDES Program Permit Number: HI 03KB482 (HNL)

HI 03KB488 (KBPH)

Annual Report Number Year 14

& Reporting Period: January 1, 2016 – December 31, 2016

PART I – GENERAL INFORMATION

Permittee (Owner/Operator) Details

Owner: Ford N. Fuchigami Title: Director of Transportation

Telephone #: (808) 587-2150 Email: ford.fuchigami@hawaii.gov

Mailing Address: State of Hawaii, Dept. of Transportation

869 Punchbowl Street

Honolulu, Hawaii 96813-5097

- 1. Is the named permittee relying on another entity/ies to satisfy some of its permit obligations? ⊠ Yes □ No
 - a. If Yes, provide the name(s) of other entity/ies and an explanation of their responsibilities (add more spaces or pages if needed):

NAME	RESPONSIBILITIES
State of Hawaii, Department of the Attorney	Involved in making changes to the Hawaii
General (AG)	Revised Statues and Hawaii Administrative
	Rules (HAR). Serves as primary interface with
	EPA Region IX. Developing and implementing
	the Enforcement Response Plan (ERP).
City and County of Honolulu	Assumes tracking of drainage connections to
Dept. of Planning & Permitting	its wastewater sewer system through Industrial
Site Development Division	Wastewater Discharge Permit.
Wastewater Branch	

NAME	RESPONSIBILITIES			
Construction Managers (Various Firms)	Conducts construction inspections and ensure			
	that construction sites are in compliance with applicable environmental regulations.			
EnviroServices & Training Center, LLC	Assists Harbors in meeting requirements of the			
	Consent Decree, the Small MS4 NPDES			
	permits, and other environmental regulations.			
Weston Solutions, Inc.	Assists Harbors in meeting requirements of the			
	Consent Decree, the Small MS4 NPDES			
	permits, and other environmental regulations			
	as well as civil and environmental engineering			
	support services.			
SHI International Corp., Azteca City Works,	Assisted Harbors in designing, configuring,			
and Woolpert, Inc.	testing, and deploying a Cityworks-based			
	AMS.			

2.	Is the	named p	ern	nittee	sharin	ig a S	SWM	P(P)	with	other	entit	ies?		Yes	\boxtimes	No	
	a.	If "Yes	s," l	ist all	assoc	iated	l pern	nit nu	umbei	s and	l pern	nittee	nan	nes (a	dd a	additi	ona
		spaces	or	oages	if nee	ded):	:										

PERMIT NUMBER	PERMITTEE				

	(/ / / / / /							
3.	Yes	stem-wide annual report inclu ☐ No ☒ N/A planation, if any:	ading information for all permittees?					
4.	. Has a copy of this annual report been submitted to the Regional U.S. EPA Administrator at Region 9? X Yes No							
5.	Storm Wat	ter Management Plan (SWMP	⁽¹⁾					
	anr	•	proposed to the SWMP since the NOI or the last CR), including changes in response to DOH-IYes No					
		ginal SWMP? 🗌 Yes 🔲 N	OOH-CWB/EPA Region 9 already approved the o N/A to the SWMP submitted in 2015.					
		pection Program (ORIIP) dur	proposed to the Outfall Reconnaissance Inventory ing the reporting year. Yes No vere not made to the ORIIP in 2016 and all nspected.					

	d. Changes have been made or are proposed to the Tenant Inspection Manual (TIM)
	during the reporting year. Yes No
	i. Explanation: Changes were not made to the TIM in 2016. All tenants
	have been inspected in 2016 and Harbors will continue the effort in 2017.
5.	The MS4 has annexed land since obtaining permit coverage. Yes No
7.	A receiving water body is newly listed as impaired or a TMDL has been established. ☐ Yes ☐ No

PART II - SELF-ASSESSMENT

Narrative Provisions

1. Provide information on the status of complying with permit conditions:

	YES	No	EXPLAIN
Permittee is in compliance with NPDES	I ES	110	
=	•		Harbors environmental program meets and exceeds the six minimum measures
permits.			
			of an MS4 permit for both the Honolulu
			Harbor and Kalaeloa Barbers Point
			Harbor NPDES permits. Harbors has
			met permit requirements and is
			continuously working on improving
			existing programs. In October 2016,
			following DOH's guidance, Harbors
			Division submitted a renewal notice of
			intent for NPDES permits issued to both
			harbors. On December 2 nd , 2016 DOH
			granted administrative extensions of the
			notice of general permit coverage
			because DOH was unable to complete the
			processing of this request (Attachment 22
			and 23).
Permittee has met all conditions of the		✓	In 2016, Harbors met all the conditions of
Consent Decree (1:14-CV-00408-JMS-			the Consent Decree except for two areas:
KSC).			1) Formal wet weather outfall inspections
			were not formally completed due to time
			constraint. However, a post-pier
			inspection of Honolulu Harbor following
			Hurricane Darby revealed that Harbors
			small MS4 was functioning well.
			2) Stencils that were identified in 2016 as
			needing maintenance were not re-
			stenciled within 60 days after inspection.
Permittee is currently in compliance with	✓		Harbors has adequately retained required
recordkeeping and reporting requirements.			records. In addition, Harbors is currently
			using the asset management system
			(AMS) Cityworks to manage work flow
			and store data in conjunction with the
			GIS maps.

2. Provide a general evaluation of the program's progress, including any obstacles or challenges encountered in implementing BMPs, meeting the program's schedule, etc.

SWMP Core Progress Evaluation:

Harbors continues its efforts and works together with consultants to meet requirements listed in the Consent Decree and the updated 2015 SWMP. Management continues to be involved in the implementation of the program.

The Harbors education and outreach program, as prepared for Harbors employees and tenants, enhances the general awareness of the impacts that different activities may have on storm water runoff, and how best management practices (BMP) can help to minimize or mitigate those impacts. In 2016, Harbors invited Kahi Pacarro, the executive director of the local nonprofit organization Sustainable Coastlines, to assist with educating tenants in pollution prevention during both tenant training sessions. Previous year's feedback and comments have been evaluated and amended into the program when necessary. Harbors continued its public involvement and participated in a statewide Protect Our Water Conference on November 16, 2016. In addition, Harbor's tenants took the lead in organizing harbor cleanups and educational programs for various community groups and students.

Harbors continued its inspections of high/medium risk tenants in 2016 and provided outreach and education during site visits. Besides Tenant Environmental Manager of the Year (TEMY), 15 more tenant environmental managers were recognized for their continuous efforts through the past five years. Annual dry weather outfall inspections have been completed for all known and accessible outfalls. Annual wet weather outfall inspections could not be completed due to lack of recorded adequate precipitation formed during regular business hours. Despite the timing constraint, a post inspection following Hurricane Darby was conducted on July 25, 2016, to assess the functionality of Harbors small MS4. As a matter of fact, it had been observed that majority of the floatable debris and other foliage & tree branches in harbor were coming from other upstream surface waterbodies (e.g., Kapālama Canal, Nuuanu Stream). Harbors Oahu District was heavily involved in post-Darby cleanup through launching of a boat. Floatable debris accumulated in the corners of each pier were removed.

Harbors also continues to implement the Construction Site Runoff Control program. In particular, Harbors Engineering Branch (HAR-E) and associated consultants and contractors continued to attend construction & post-construction trainings in 2016, and were more involved in relevant storm water requirements. Harbors Engineering Branch Environmental Section (HAR-EE) will continue to review and evaluate all projects from design to construction phases, and to coordinate and/or inspect regulated construction sites.

Harbors Oahu District continues their efforts on pollution prevention and good housekeeping. Inspection and Cleaning (if necessary) of all accessible storm drains/inlets/channels was accomplished in 2016. In addition, Harbors Oahu District has been actively involved in floatable debris removal following each significant rainfall event. The District Office is currently involved in the process of finalizing the O&M plan, paralleling to its continued regular drain inspections and maintenance efforts, as well as other auxiliary operations (e.g., sweeping, waste disposal), which has greatly

minimized the discharge of potential pollutants into the receiving water.

Harbors has continued to use the required Cityworks AMS for record keeping, work flow and data management. This system was recently configured to operate on the State of Hawaii server, allowing for additional Harbors personnel to gain access and training. With the increased capacity for user accounts, Harbors will provide training to all individuals with essential roles in storm water system planning & management, environmental engineering inspections, environmental asset operations & maintenance, and pertinent enforcement at Oahu Harbors District. Currently, at least 40 trained personnel are actively using this system to facilitate Harbors' operations by generating and responding to service requests, work orders, and inspections. With specific training in Illicit Discharge Detection and Elimination (IDDE), Harbors Marine Cargo Specialists and Enforcement & Security Unit actively use Cityworks on mobile devices to properly document and report environmental issues.

Challenges:

A major challenge faced by Harbors in 2016 was the implementation of the AMS Cityworks. Transitioning from previous methods of record keeping to Cityworks has been difficult for both technical and cultural reasons. The movement of the Cityworks platform from the cloud to state-run servers has been beneficial yet technically challenging. Initially there were many difficulties related to access from computers and other electronic devices (tablets) due to program updates and other software related issues.

A transition to electronic record keeping using mobile devices represents a change in culture for Harbors personnel. Now, with Cityworks on Hawaii state servers, the amount of potential users has greatly increased; this has allowed more harbors staff to gain access. In 2016, the number of personnel trained and actively using Cityworks increased by 60%. In 2017, Harbors will continue Cityworks training with the goal of making this database available to all Harbors personnel that would benefit from access. This will be essential to promoting the new culture of a real-time electronic reporting and recordkeeping system based in GIS.

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	essentia	al to	promoting	the n	ew	culture	of	a	real-time	electronic	reporting	and
			g system bas									
3.	Provide	e a gen	neral assessn	nent of	the	appropri	aten	ess	of the sele	cted BMPs:		
		υ				11 1						
	a	Has tl	he permittee	detern	nine	ed that ar	1V 0	f tł	ne selected	BMPs are	not approp	riate
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			1. Provide	explana	ation	if ves						
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		Expla	nation: Th	e metri	ics (detailed	in P	Part	III of thi	s report w	ere effectiv	ze at
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tracking work that was conducted for storm water compliance in 2016.

b.	Are the activities conducted effective in reducing the discharge of pollutants from
	the MS4? Xes No

Explanation: Activities such as trainings and inspections helped tenants, consultants, and contractors identify areas that could potentially generate illicit discharges and better control the sources before pollutants could be discharged. Additionally, the MS4 cleaning, street sweeping, and volunteer events continue to remove debris that would have otherwise impacted the receiving water.

c. Describe progress towards reducing the discharge of pollutants. Summarize any information used to evaluate reductions in the discharge of pollutants. Use a narrative description or table as appropriate:

MCM (MINIMUM CONTROL MEASURE) DESCRIPTION	BMP APPLIED (RESPONSE ACTION ON MCM/RESULTANT OUTCOME)	PARAMETER	QUANTITY	UNITS	DOES BMP DEMONSTRATE A DIRECT REDUCTION IN POLLUTANTS? (YES / NO / EXPLAIN)
P2 & Good Housekeeping	Volunteer event debris removal	Cigarette butts, trash, debris	(Attachment 3)		Yes – pollutants would otherwise remain in the MS4
P2 & Good Housekeeping	MS4 Cleaning	Debris	20	Tons	Yes – pollutants would otherwise remain in MS4
P2 & Good Housekeeping	Street Sweeping	Debris	149	Tons	Yes – pollutants would otherwise discharge to the MS4
P2 & Good Housekeeping	Debris Removal after Hurricane Darby and other heavy rainfall events	Debris	7.5	cf	Yes – pollutants would otherwise remain in the MS4 or harbor
IDDE	Elimination of illicit discharges to MS4	Investigations related to MS4 discharges	1	ea	Yes – illicit discharges eliminated

MCM (MINIMUM CONTROL MEASURE) DESCRIPTION	BMP APPLIED (RESPONSE ACTION ON MCM/RESULTANT OUTCOME)	PARAMETER	QUANTITY	UNITS	DOES BMP DEMONSTRATE A DIRECT REDUCTION IN POLLUTANTS? (YES / NO / EXPLAIN)
IDDE	Elimination of direct discharges to Harbor waters (non-MS4 discharges)	Investigations related to non-MS4 discharges	28	ea	Yes – illicit discharges eliminated

d. Provide additional explanation below:

The Adopt-a-Harbor program has been very successful in 2016. In 2016, four volunteer cleanup events have been organized with five community groups. A large amount of debris has been removed from Harbors public areas (Attachment 3). These volunteer programs also function as an educational tool to promote good stewardship among community members, particularly young adults. To ensure that the MS4 functions properly during rain events, a comprehensive MS4 inspection and cleaning event took place in 2016 that removed over 20 tons of debris that could have been discharged to the Harbors. The MS4 inspection log is included in Attachment 19. Additional debris was removed following Hurricane Darby, from 7/27/2016 to 7/29/2016. Street sweeping is an important BMP that prevents debris from entering the MS4 or Harbor waters. Sweeping took place twice a week (or as needed) in 2016; a total of 149 cubic feet was collected (Attachment 20).

Harbors personnel and tenants have been trained to be observant during their daily activities and report any potential illicit discharges noted. Based on the number of suspected illicit discharges reported in 2016, it appears that Harbor's personnel and tenants are becoming more adept at identifying potential sources of pollution and following the proper reporting procedures.

5. Describe any proposed modifications in the coming reporting year.

SWMP: The SWMP was updated in 2015. It is anticipated that no significant changes will take place in 2017. However, if there are any, they will be reported accordingly.

MS4: There are several construction projects that may result in altering Harbors small MS4. Harbors will continue to record changes in its MS4 GIS map.

6. Describe whether Consent Decree implementation timelines have been met.

The Consent Decree timelines (as of 12/31/16) have been met. DOT has reorganized the Office of Special Compliance as an Office of Environmental Compliance and manager has been hired. A permanent position for the Sediment and Erosion Control Inspector has

been authorized by the Legislature and a Harbors engineer has been temporarily assigned to the position until recruitment is completed.

7. Evaluate the need for water quality monitoring data.

The BMPs implemented at the Harbors are more effectively evaluated qualitatively because they have not been implemented long enough to determine their effectiveness. Further, Harbors does not have a sufficient number of permanent BMPs to determine their impact(s) on water quality through monitoring. At this time, Harbors has determined that monitoring is not necessary.

8. Evaluate the need for additional storm water message signs.

The annual evaluation of signage indicated the former site of University of Hawaii Marine Center at Snug harbor could benefit from additional signage, as this area will be used by other parties in the future. Harbors will take this recommendation into consideration and evaluate the installation of signage at Snug Harbor in 2017, and will continue to maintain existing signage in the future.

PART III - SUMMARY OF MINIMUM CONTROL MEASURES

Storm Water Management Program Status

I. General Program Requirements

			GENERAL	GENERAL PROGRAM REQUIREMENTS			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.5. Stockpile BMPs	HAR-EE / HAR-EM	By 11/5/14, develop and implement a plan for stockpile stabilization.	11/5/14	The stockpile stabilization plan submitted to DOH and EPA in 2014 was approved in 2015. Stockpiles were stabilized with vegetation, soil sediment control, and berms prior to 2014. A stockpile inspection took place on 11/2/16 (Attachment 17).		N/A	Implement approved plan. HAR-EM will ensure continued maintenance on BMPs implemented.
CD.10. Office of Environmental Compliance	DOT Administration	By 5/4/15, ensure: 1) Reports to Director of Transportation. 2) Reorganize and hire manager. 3) Oversee compliance for DOT. 4) Perform program audits.	11/5/14	In 2016, the manager position of Office of Environmental Compliance manager was filled. This manager now oversees compliance for DOT. An audit plan has been developed and will be implemented in 2017.		N/A	Complete hiring activities and finalize audit plan.
CD.11.a. SWMP Modification	HAR-EE	By 2/3/15, modify the joint SWMP to comply with the Consent Decree and MS4 permits and post it on the Harbors website.	11/5/14	The SWMP was modified and posted to the Harbors website in February of 2015.		N/A	None.

			GENERAL	GENERAL PROGRAM REQUIREMENTS			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. / SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.19.a. Enforcement Response Plan (ERP)	AG	By 12/5/14, submit an ERP to DOH and EPA.	11/5/14	A revised draft of the Enforcement Response Plan (ERP) was submitted to EPA on August 5, 2015 but was not accepted. Revisions to the ERP have been made and will be submitted to the EPA in early 2017.		V/A	Implement ERP upon approval.
CD.19.b. Memorandum of Agreement (MOA)	AG	By 12/5/14, enter into an MOA with DOH.	11/5/14	The Memorandum of Agreement with HDOH was signed by both parties and transmitted to EPA on May 26, 2015.		N/A	Implement where necessary.
CD.19.b. Authority to Issue Civil Fines	AG	By 12/31/14, use best efforts to obtain authority to issue civil fines.	11/5/14	Using authority provided by HRS Title 15 Section 266, HDOT is preparing an Enforcement Response Plan (ERP) that will include civil fines for persistent violators (construction contractors, tenants and other third parties.		N/A	Implement civil fines for construction contractor, tenants & third parties as part of ERP.

II. Public Education and Outreach

			PUBLIC E	PUBLIC EDUCATION AND OUTREACH			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD 14.a.i. SWMP A.3.1.1 Awareness Message Integration	HAR-EE	100% of printed and electronic communications with tenants, staff, and public should include the environmental message.	1/1/16	The message "Mālama I Ke Kai - Protect Our Harbor Waters "along with the DOT's raindrop fish logo has been included in 100% of emails, tenant notices, educational materials, surveys, and training presentations.		N/A	Continue to integrate message into all printed and electronic communication.
CD 14.a.ii. SWMP A.3.1 Awareness Message Distribution	HAR-EE	Identify and implement no less than three forms of disseminating storm water awareness information to tenants and the public.	1/1/15	The storm water message and logo have been included in at least six forms of information: • Documents (SWMP, ACR). • Training presentations (Tenant, Construction and Post Construction, IDDE) (Attachments 5b, 6a, and 8a). • Newspaper advertisement (Attachment 1). • 3 BMP handouts and a flyer (Attachments 4). • 2016 Calendar (Attachment 2) • Tenant Training Notice and BMP sheets (Attachment 5a)		N/A	Continue to include message wherever possible.

			PUBLIC E	PUBLIC EDUCATION AND OUTREACH			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. / SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.14.a.ii. SWMP A.3.1.3. Social Media	HAR-EE	Annually, increase the number of users who "follow" the Harbors social media page / account	1/1/16	Harbors environmental staff attempted to setup a Twitter account to communicate with its tenants at its Oahu harbors with 'tweets'. However, leadership concerns regarding vulnerabilities to false information and other potential abuses compelled this social media initiative to be suspended. At this time, the public and tenants are directed to the Harbors website.		Increase the number of viewers of Harbors Storm Water Management website	Continue to search for a social media program that will be receptive to Harbors tenants and capable of conveying relevant informative as well. Revise SWMP as needed.
CD 14.a.ii. SWMP A.3.1.4 Volunteer Event	HAR-EE	Annually, set up and solicit one volunteer event.	1/1/16	In 2016, there were 4 volunteer cleanup events with 5 community groups (Attachment 3)	>	N/A	Set up and/or co-host a volunteer event.
CD 14.a.ii. SWMP A.3.1.4 Volunteer Event Participation	HAR-EE	Increase participation from the previous year if less than 50 individuals attend.	1/1/16	In 2016 individual participation in volunteer programs aimed to clean the harbors and promote clean water education increased from 17 volunteers in 2015 to over 63 in 2016 (Attachment 3).		N/A	Continue to coordinate and support volunteer programs.

			PUBLIC E	PUBLIC EDUCATION AND OUTREACH			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. / SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.14.a.ii.1) SWMP A.3.2.4. Tenant Training	HAR-EE	Ensure 80% of tenants participate in annual tenant storm water training.	1/1/16	Two storm water awareness training events were conducted on 08/25/2016 and 09/15/2016 (Attachments 5a & 5b). 81 % of tenants attended this training (Attachment 5b). The Tenant Environmental Manager of the Year (TEMY) was presented to Dane R. Wurlitzer of Hawaiian Cement. In addition, 5 runner-ups and 10 honorable mentions were awarded in 2016 (Attachment 5d).		N/A	Advertise and convene a storm water training event.
SWMP A.3.2.4. Training Feedback	HAR-EE	Annually ensure that at least 50% of tenant training attendees provide a positive feedback.	1/1/16	Based on the feedback forms received following the two training events, 96 % of tenants gave positive feedback regarding the quality of the training's content and 96 % gave positive feedback regarding the quality of the trainer's performance. A summary and the hardcopies are located in Attachment 5e.		N/A	Continue to track training feedback and make improvements to training where feasible.
CD.14.a.iii. SWMP A.3.1.2. Newspaper Advertisement	HAR-EE	Annually place an ad in one local newspaper to educate the public and describe Harbor's efforts to improve storm water quality.	1/1/16	A newspaper advertisement was placed in the Honolulu Star Advertiser on 10/21/16 that described Harbors efforts to prevent pollution. (Attachment 1)		N/A	Develop and place one advertisement.
SWMP A.3.1.5. SHOT Calls	HAR-EE	Annually increase the number of inquiries and reports received.	1/1/16	In 2016, Harbors received 25 inquiries/reports (Attachment 13).	>	N/A	Advertise the phone number to entice more calls.

			PUBLIC E	PUBLIC EDUCATION AND OUTREACH			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
SWMP A.3.1.5. SHOT Call Response	HAR-EE	Respond to all inquiries and reports within 24 hours to minimize water quality impacts.	1/1/16	All calls were responded to within 24 hours.	\	V/A	Continue to respond to calls.
CD.14.b.i. SWMP A.3.1.6. Update Website	HAR-EE, HAR-SI	Ensure that website remains useful and relevant.	1/1/16	The website has been updated throughout 2016 to include updated training materials. (http://hidot.hawaii.gov/harbors/libr ary/storm-water-management/)	/	N/A	Update website as needed.
CD.14.b.iii. SWMP A.3.1.6. Website Message	HAR-EE, HAR-SI	100% of website pages where storm water awareness message is prominently displayed.	1/1/16	The storm water message is prominently displayed on the HDOT homepage as well as the Storm water Educational Materials.	/	N/A	Continue to display message.
CD.14.b.ii. SWMP A.3.1.6. Website Links	HAR-EE, HAR-SI	Ensure links to Airports and Highways are included on the web page.	1/1/16	The links to the other HDOT Division web pages are included in the Harbors website page.	/	N/A	Maintain links.
CD.14.b.iii. SWMP A.3.1.6. Website Visitors	HAR-EE, HAR-SI	Ensure the number of visitors to Harbors storm water management website has increased from the previous year.	1/1/16	Harbors received a total of unique 1,103 page views which is very similar to the number of unique page views in 2015 (1,128).		N/A	Update website to attract new visitors. Continue to track website views.
CD.14.c.i. SWMP A.3.1.7. Storm water Signs Installation	HAR-EE, HAR-O	By 11/5/14, identify 50 locations that are suitable for signs.	11/5/14	Completed in 2014 and tracked in AMS.	>	N/A	Continue to evaluate the need for additional signs.
CD.14.c.i. SWMP A.3.1.7. Storm water Sign Evaluation	HAR-EE	Annually, evaluate whether additional storm water signs are necessary	1/1/16	Signage evaluation has indicated that additional signage at the former UH Snugg harbor site is needed.		N/A	Evaluate the need for more signs.

			PUBLIC E	PUBLIC EDUCATION AND OFFREACH			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.14.c.ii. SWMP A.3.1.7. Storm Drain Inlet Stencils	HAR-EE / HAR-O	By 2/3/15, ensure 100% of storm drain inlets are stenciled.	2/3/15	100% of accessible storm drain (487 inlets) were stenciled by January 2015. To date, 91 signs have been placed installed. [Refer to Harbors GIS for list of data]		N/A	None.
CD.14.c.ii. SWMP A.3.1.7. Storm Drain Inlet Stencils	HAR-EE / HAR-O	Annually inspect 100% of stencils for legibility prior to the wet season and re- stencil within 60 days of the inspection as needed.	1/1/16	In 2016, HDOT conducted an inspection of stencils simultaneously with the storm drain cleaning efforts. 100% of stenciled drains were inspected and 10.7% required re-stenciling since they had been newly applied; the restenciling of these drains was not completed in 2016 (or within 60 days).		N/A	Inspect stencils and re-stencil as necessary.
CD.14.d.i. SWMP A.3.2.3. Tenant BMPs	HAR-EE	Annually, ensure that 100% of information on BMPs is available in fact sheets.	1/1/16	A list of updated tenant BMPs is available on the Harbors website: http://hidot.hawaii.gov/harbors/library/storm-water-management/.	>	N/A	Distribute BMP flyers as necessary.
CD.14.d.ii. SWMP A.3.2.1. Tenant Lease Agreements	HAR-PM	Ensure 100% of new / renewed tenant leases include language requiring BMPs.	1/1/16	Lease agreement language was updated in 2014. 100% of tenant renewals and new tenants have been issued leases with the updated language.		N/A	Continue to use the new format.
CD.14.d.iii. SWMP A.3.3.1 Vessel BMPs	HAR-O	Develop BMPs for Vessel Operators and make them available on the website or as print media.	11/5/14	A BMP flier is available on the Harbors website titled "BMPs for Small Vessel Maintenance Activities." Harbors is continuing to work on translating this BMP into other foreign languages as necessary, so as to provide outreach to non-English speaking users.		N/A	Distribute updated flyers. Continue to evaluate and translate this BMP into foreign languages as necessary.

			PUBLIC E	PUBLIC EDUCATION AND OUTREACH			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. / SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.14.e.i. SWMP A.3.2.2. Tenant Inventory	HAR-EE / HAR-PM	Ensure that 100% of tenants are accurately listed in the electronic inventory based upon most recent inspection.	1/1/16	Harbors continues to maintain their electronic tenant inventory. There are a total of 84 tenants occupying 93 sites (Attachment 10).		N/A	Move the tenant inventory data to the GIS and AMS.
CD.14.fi. & ii. SWMP A.3.2.4. Tenant Survey	HAR-EE	Annually, provide a questionnaire to tenants and have 60% of tenants respond. Use data from quiz to update training materials.	1/1/16	Approximately 80% of tenants completed a questionnaire either as a result of the tenant notice or during the tenant training events. A summary of the results and the hard copy questionnaire are included in Attachment 5f. The most commonly missed question (#10) relates to criminal penalties for environmental violations (Attachment 5f). Harbors will emphasize this information during tenant training events in 2017.		N/A	Update the quiz and distribute to tenants.
CD.14.g. SWMP A.3.2.34. Tenant Educational Materials	HAR-EE	Twice per year, distribute educational materials to tenants.	1/1/16	Educational materials that were distributed in 2016 include fact sheets attached to the annual tenant training notice on 7/25/16 (Attachment 5a), the Harbors 2016 to 2017 Fiscal Year Calendar (Attachment 2), and handouts available at the annual Protect Our Water Conference on 11/16/16. (Attachment 4).		N/A	Distribute materials twice per year.

			PUBLIC E	PUBLIC EDUCATION AND OUTREACH			
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CD.14.h.i. New Tenant Information Package	HAR-EE	Develop and update as necessary the New Tenant Information Package to include storm water requirements.	11/5/14	The new tenant information package is available on the Harbors website and is also provided to the new tenants directly.	>	N/A	Distribute information to new tenants.

III. Public Involvement and Participation

		P	UBLIC INVO	PUBLIC INVOLVEMENT AND PARTICIPATION			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.11.a.ii. SWMP A.4. Solicit Comments through Website	HAR-EE	By 2/3/15, solicit comments on the revised SWMP through the Harbors website.	11/5/14	The SWMP was posted on the Harbors website in February 2015. There were 1,669 website views in 2015 and no public comments received on the SWMP.		N/A	None.
CD.11.a.ii. SWMP A.4. Solicit Comments through Newspaper	HAR-EE	By 2/3/15, advertise in one local newspaper for SWMP comments	11/5/14	On February 7, 2015 a notice was placed in the Honolulu Star Advertiser that directed the public to comment on the updated SWMP. No public comments were received in 2015.		N/A	None.
CD.11.a.ii. SWMP A.4. SWMP Commenters	General Public, Tenants	Within 45 days of posting SWMP, receive at least one comment on the updated SWMP from a tenant or the public. Receive at least one comment that results in a revision to the SWMP.	2/2/15	No public comments were received on the SWMP.		N/A	None.

IV. Illicit Discharge Detection and Elimination (IDDE) Program

		ILLICIT DISCHA	ARGE DETE	LLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM	GRAM		
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. / SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.16.a. Illicit Discharge Definition	HAR-EE	By 11/5/14, promulgate a definition of illicit discharge with examples.	11/5/14	Definition included in SWMP and provided in all training presentations (tenant/employee storm water general awareness, construction and post-construction, tenant inspector, ORI, and IDDE). "A non-storm water discharge that poses a risk to the environment."		N/A	Continue to communicate definition.
CD.14.h.ii. TIM Section 2 Inspect New Tenants	HAR-EE	Conduct an initial inspection of 100% of new tenants within three months of the tenant occupying a Harbor's space.	1/1/16	4 initial inspections were conducted in 2016, which represents 100% of new tenants formally identified by HAR-PM (Labeled as "new" under the "Inspection Type" column in Attachment 10).		N/A	Inspect new tenants as applicable.
CD.16.b.i. & iii. SWMP B.4. Tenant Site Assessments	HAR-EE, HAR-O, Marine Cargo Specialists	Annually, conduct site assessments in high risk areas and implement enforcement response plan where necessary.	1/1/16	Harbors District personnel have been informed that they should remain observant during daily activities for illicit discharges. HAR-EE and consultants' personnel assess sites for illicit discharges during tenant, construction, and outfall inspections. Refer to those items for additional data. There were 2 enforcement actions as a result of site assessments in 2016.		N/A	Update IDDE training and continue to conduct site assessments.
CD.16.b.ii. SWMP B.4. Outreach Activities	HAR-EE	Conduct outreach during site assessments and identify areas that may need signs.	1/1/16	Harbors continued to provide verbal outreach during site assessments and other activities. Evaluation of signs was included in annual IDDE training survey (Attachment 8c).		N/A	Continue to conduct outreach activities.

		ILLICIT DISCH.	ARGE DETE	ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM	GRAM		
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.16.c.i. SWMP B.3. ORIIP Section 2 Outfall Prioritization	HAR-EE	Annually, reprioritize outfalls.	1/1/16	All outfalls were reprioritized in 2016 (Attachment 11e).	>	N/A	Re-prioritize outfalls based on ORI.
CD.16.c.i. SWMP B.3. ORIIP Section 2 Outfall Inspections	HAR-EE	Inspect outfalls according to their risk ranking.	1/1/16	All outfalls that were safely accessible were inspected using the ORI form (Attachment 11a). ORI reports are found in Attachments 11b, 11c, and 11d).		N/A	Conduct dry weather screening of all outfalls. Conduct wet weather screening.
CD.16.c.ii. & CD.16.d. SWMP B.3 ORIIP Section 3.3 Dry Weather Illicit Discharges	HAR-EE	Ensure 100% of illicit discharges identified during dry weather flows are properly addressed.	1/1/16	Outfall inspections revealed only 1 illicit discharge of aggregate from a harbor pier. Operations were suspended, enforcement letters were sent to 4 users/entities, and an adequate BMP plan was implemented (Attachment 12).		N/A	Continue to address illicit discharges.
CD.16.c.i.2. & CD.16.c.ii. SWMP B.3 ORIIP Section 3.4 Dry Weather BMP Improvements	HAR-EE	Ensure that 100% of BMPs identified during wet weather ORI as needing improvement are properly addressed.	1/1/16	Wet weather ORIs were not completed due to the lack of recordable sufficient participation during normal business hours. However, a post inspection following Hurricane Darby was conducted to assess the functionality of Harbors small MS4.		N/A	Continue to address BMPs that need improvement.

		ILLICIT DISCH.	ARGE DETE	LELICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM	GRAM		
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. /	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.16.d. SWMP B		Identify and take		There were 3 illicit discharges identified from tenant facilities and all were addressed promptly (Attachment 12).			Investigate
Illicit Discharge Tracking and Elimination	HAR-EE	stop the source of all illicit discharges.	1/1/16	HAR-EE also assisted with resolving 25 other reports of miscellaneous discharges. I warning was issued to a fishing vessel (Attachment 13).		N/A	discharges where observed.
CD.16.e.i. TIM Section 4.3 Tenant Risk Ranking	HAR-EE	Annually ensure that all tenants have been risk ranked according to the TIM.	1/1/16	An inventory of tenant inspections and their risk rankings are included in Attachment 10. There are 57 low ranked, 29 medium ranked, and 7 high ranked for a total of 93 tenantleased areas occupied by a total of 84 individual tenants		N/A	Update risk ranking as necessary.
CD.16.e.ii Routine Tenant Inspections	HAR-EE	Conduct tenant inspections / site reconnaissance in accordance with risk ranking and TIM.	1/1/16	In 2016 there were 102 tenant inspections and site reconnaissance events, which represent 100 % of tenants and occupied areas in the inspection inventory (Attachment 10). Outreach materials were provided during these inspections when necessary and tenants were instructed to visit the Harbors website.		N/A	Conduct inspections as required by risk ranking.

		ILLICIT DISCHA	ARGE DETEC	ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM	GRAM		
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CD.16.e.iii. Site Reconnaissance Follow-up Inspections	HAR-EE	Ensure that 100% of follow-up inspections to the site reconnaissance are completed following a substantive change to a facility's	1/1/16	One follow up inspection was required following the initial inspection of a new tenant site. The tenant's operations and good housekeeping showed a substantive improvement from the initial	>	N/A	Conduct follow-up inspections as necessary.
,		operations, size, or activities.		inspection (Attachment 10).			
SWMP B.2. TIM. Illicit Discharge Follow-up Inspections	HAR-EE	Ensure that 100% of follow-up inspections for illicit discharges are completed within 7 days of discovery.	1/1/16	100% of follow-up inspections for illicit discharges were completed within 7 days of discovery (Attachments 12 & 13).		N/A	Conduct follow-up inspections as necessary.
SWMP B.2. TIM. Compliant Follow-up Inspections	HAR-EE	Ensure that 100% of follow-up inspections are completed the next working day after receipt of a compliant.	1/1/16	25 complaints were received in Honolulu Harbor (Attachment 13). Both formal & follow-up inspections were conducted in response to the complaint by the next working day.	>	N/A	Conduct follow-up inspections as necessary.

		ILLICIT DISCH	ARGE DETE	LLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM	GRAM		
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.15.a.i. SWMP B.6.1. Employee Awareness Training	HAR-EE	Annually, ensure that 100% of employees receive storm water awareness and pollution prevention survey. Ensure that 80% of employees respond to the survey.	1/1/16	Harbors created a survey via an online survey site called esurv.org. 92.5% of DOT-Harbors employees completed the educational survey and feedback was positive for the online platform. A summary of the survey results and a copy of the survey are included in Attachment 7. Although the majority received very high scores, the most commonly missed question (#3) related to requirements for illicit discharge reporting. Harbors plans to make this a focal point for training efforts in 2017.		V/A	Evaluate the feedback and results from previous year and update educational materials to employees and conduct another survey.
CD.15.a.ii. SMP B.6.1. Employee Education	HAR-EE	Annually ensure that 100% of employees receive information about storm water pollution.	1/1/16	A 2016-2017 Fiscal Year Calendar was created in 2016 and distributed to all Harbors offices and current employees to provide enhanced general awareness on storm water management and pollution prevention, which could be applied at work or at home (Attachment 2).		N/A	Continue to distribute educational material.
CD.15.b.i. Illicit Discharge Detection and Elimination (IDDE) Program Training	HAR-EE	Annually, train 100% of Marine Cargo Specialists, Police, and Grounds Supervisors on IDDE procedures.	1/1/16	Marine Cargo Specialists, Harbor Police, and Grounds Supervisor were trained on IDDE in November 2016 (Attachment 8b). The presentation slides and a summary of completed training quizzes are included in Attachments 8a and 8c, respectively. This represents 100% of available Harbors personnel to be trained in 2016.		N/A	Continue to train on IDDE.

		ILLICIT DISCH	ARGE DETE	ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE) PROGRAM	GRAM		
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.15.b.ii. & iii. SWMP B.6.2. &3. Inspector Training	HAR-EE	Ensure that 100% of inspectors have received tenant and/or Outfall Reconnaissance Inventory (ORI) training.	1/1/16	Three (3) personnel from DOT Harbors' consultant and 6 employees from DOT completed training for tenant inspections (Attachment 9b). This represents 100% of new inspectors for 2016. The training presentations and completed questionnaires are available in Attachments 9a and 9c, respectively.		N/A	Provide training to any new personnel.

V. Construction Site Storm Water Runoff Control

		CONSTR	UCTION SIT	CONSTRUCTION SITE STORM WATER RUNOFF CONTROL			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. / SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.17.a. City and County of Honolulu BMPs	HAR-EE	Ensure that City and County of Honolulu (CCH) BMPs are implemented for construction activities.	11/5/14	The CCH BMPs are referenced in the Construction Manual. Further, during plan reviews and inspections, construction sites are evaluated to ensure they are following the CCH Construction BMP requirements.		N/A	Continue implementing CCH BMPs.
CD.17.b.i. SWMP C – CSRCP Construction Inspections	HAR-EE / Construction Managers	Ensure 100% of construction inspections and enforcement actions are entered in a database.	1/1/16	The construction database inventory is included in Attachment 14. There were 6 active sites and 37 inspections during 2016. There were no enforcement actions other than recommendations documented in the inspection checklist and the majority of which were addressed during or by the next round of inspection.		N/A	Continue tracking construction inspections and enforcement.
CD.17.b.ii. Temporary Erosion and Sediment Control Inspector	HAR-EE / Personnel Office	By 11/5/14, assign one temp. full-time position whose duties will include sediment and erosion control.	11/5/14	A Harbors engineer is currently assigned to this position.		N/A	Inspector will continue to perform duties relating to temporary erosion and sediment control measures.
CD.17.b.iii. Permanent Erosion and Sediment Control Inspector	HAR-EE / Personnel Office	By 12/31/15, establish a permanent erosion and sediment control position and utilize consultants.	11/5/14	A permanent position for Erosion and Sediment Control Inspector has been authorized by the Legislature. Consultants are currently under contract to assist.	>	N/A	Establish and fill the position.

		CONSTR	SUCTION STI	CONSTRUCTION SITE STORM WATER RUNOFF CONTROL			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT. / SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.17.b.iv. SWMP C – CSRCP Construction Plan Reviews	HAR-EE / Engineering Project Managers	Review 100% of construction projects for environmental requirements per the Construction Site Runoff Control Program.	1/1/16	7 tenant projects (Attachment 16) and 31 DOT projects (Attachment 15) were reviewed in 2016, which represents 100% of projects requiring environmental review.		N/A	Review construction plans.
SWMP C – CSRCP Review Checklist	HAR-EE	Ensure that 100% of projects are reviewed using the Construction Site Design Review Checklist.	1/1/16	100% of the projects reviewed were required to use the Construction Site Design Review Checklist		N/A	Continue to review form where applicable.
SWMP C – CSRCP Less Than One Acre Forms	HAR-EE	Ensure that 100% of non-exempt projects that are less than one acre have submitted the form.	1/1/16	100% of DOT projects (Attachment 15) and 29% of tenant projects (Attachment 16) reviewed were exempt from construction and post construction programs. Of the remaining tenant projects reviewed, 100% of non-exempt projects less than one acre have submitted the required form.		N/A	Continue to review form where applicable.
SWMP C – CSRCP Review Documents	HAR-EE	Ensure that 100% of SWPPPs, NOIs, and discharge permits have been reviewed.	1/1/16	100% of project supporting documents are reviewed as a part of the standard review process.		N/A	Continue to review where applicable.
SWMP C – CSRCP Section 5.1	HAR-EE	Ensure 100% of contractors receive Construction BMP Field Manual	1/1/16	100% of contractors were provided with access to the BMP field manual on Harbor's website.		N/A	Maintain BMPs on website.

		CONSTR	UCTION SIT	CONSTRUCTION SITE STORM WATER RUNOFF CONTROL			
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CD.15.c. & d. SWMP C – CSRCP Section 5.1 Construction and Post-Construction Training	HAR-EE	Ensure that 100% of staff whose duties are related to construction or post-construction are trained by an instructor who is approved by EPA and HDOH.	1/1/16	A construction and post-construction training was provided to engineers, consultants, contractors, and inspectors on 12/8/16 (Attachment 6a). As a result, a total of 23 people were trained which represents 100% of the required individuals (Attachment 6b). Completed surveys are included in Attachment 6c.		N/A	Conduct annual training.
SWMP C – CSRCP Section 5 Construction Training Materials	HAR-EE	Update training materials to reflect comments received from the training survey.	1/1/16	Comments received indicated that participants would like to know more about the types and use of new permanent BMP technologies (Attachment 6c).		N/A	Conduct annual training.
SWMP C – CSRCP Section 5.2	HAR-EE	Aim for a goal of 85% positive feedback about construction training.	1/1/16	Survey results from 2016 indicated that training participants found the training material very relevant and useful with an average of 88% positive feedback (Attachment 6c).		N/A	Improve feedback tracking system and continue to solicit feedback on training.

VI. Post-Construction Storm Water Management in New Development and Redevelopment

nnua	-Post-	CONSTRUCTION STORM	WATER MA	POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT	ND REDEVELOPA	AENT	
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.18.a.i.,- iii. SWMP 2.5.1. Retrofit Project Inventory	HAR-EE	By 5/4/15, create an inventory of construction projects from 5/19/03 and rank them according to retrofit potential.	11/5/14	An inventory of projects was completed and evaluated for retrofit potential in 2015.	/	N/A	None.
CD.18.a.iii. Retrofit Feasibility Scope	HAR-EE	By 8/2/15, draft a scope of the retrofit feasibility study and submit it to EPA and DOH for approval.	11/5/14	The Retrofit Feasibility Study Scope was submitted to EPA in early August 2015. The EPA responded via letter dated December 3, 2015, that they required additional details. Harbors requested an extension of 60 days from the date of EPA's concurrence to prepare the more detailed scope. The revised scope was approved in August 2016.		N/A	None.
CD.18.a.iii. SWMP E Final Retrofit Study	HAR-EE	240 days after EPA and DOH's approval, complete the final retrofit study.	4/31/17	The Post-Construction BMP Retrofit Feasibility Study is being performed by a DOT Harbors environmental engineering consultant (Weston Solutions, Inc.) and is scheduled to be submitted to the EPA in April 2017. Potential pollutants of concern (POPCs) have been identified and effective permanent BMPs for the nine (9) candidate project sites are currently being evaluated.	N/A	N/A	Continue permanent BMP Retrofit Feasibility Study and complete by April 2017.

	POST.	CONSTRICTION STORM	WATER MA	Post-Construction Storm Water Management in New Development and Benevel opment	AN REDEVELOPA	AFNT	
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.18.a.iv. SWMP 2.5.1. Retrofit Construction	HAR-E	Four years after approval of Retrofit Feasibility Study, the construction will commence for the 3 highest ranked projects.	N/A	No work conducted this year. Retrofit projects will be identified and designed upon completion & approval of the Retrofit Feasibility Study.	N/A	N/A	None.
CD.18.b.i. Permanent BMP Plan Review	HAR-EE	Review 100% of applicable construction projects using the Post-Construction BMP Plan Checklist.	1/1/16	The Post-Construction BMP Plan Checklist was used to evaluate 100% of applicable construction projects.		N/A	Continue to use the Post-Construction BMP Plan Checklist for plan review on applicable projects.
CD.18.c. BMP Standards	HAR-EE	Adopt technical standards that govern permanent BMPs.	11/5/14	All City and County BMPs have been adopted in Harbors SWMP.		Completed.	None.
CD.18.f.i. Harbors Project O&M Documents	HAR-EC / HAR-EE	Ensure 100% of Harbors projects with permanent BMPs have an O&M plan, monitoring plan where applicable, and ongoing maintenance.	1/1/16	All three of Harbors construction projects reviewed have included O&M procedures, which represents 100% of Harbors projects with permanent BMPs.		N/A	Develop O&M plan & schedule in Cityworks AMS for the two projects with O&M procedures. Request O&M procedures from contractor for 3 rd project for uploading to AMS. Continue to review plans for permanent BMPs.

	-Post-	CONSTRUCTION STORM	WATER MA	POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT	ND REDEVELOPIA	IENT	
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.18.f.i. Tenant Project PBMP Maintenance	HAR-PM / HAR-EE	Ensure 100% of tenant projects with permanent BMPs have updated leases requiring an O&M plan.	1/1/16	One tenant project may potentially require permanent BMPs and this project is still being reviewed.		N/A	Update leases for tenants with permanent BMPs in include requirements for an O&M plan.
CD.18.f.ii. PBMP Inspections by Tenants	HAR-EE / Tenants	Ensure 100% of required annual PBMP inspections are conducted by tenants and reported to Harbors.	1/1/16	Tenant is still in the process of developing PBMP O&M plan. The annual inspection will be done in 2017.		N/A	Educate tenants with PBMPs about lease requirements and procedures for reporting required annual PBMP inspections.
CD.18.d.& g. PBMP Inspections by Harbors	HAR-EE / Construction Managers	Conduct permanent BMP inspections prior to, during, and upon completion of permanent BMP installation. Once installed conduct annual inspections and enforcement actions where necessary.	1/1/16	Four permanent BMP inspections were conducted in 2016. No enforcement actions were necessary (Attachment 19).		N/A	Continue inspections where necessary.
CD 18.g.ii. Enforcement Records	HAR-EE	Ensure that 100% of enforcement actions are recorded in the project database.	1/1/16	There were zero enforcement actions relating to permanent BMPs in 2016.		N/A	Record enforcement as necessary.

	POST	-CONSTRUCTION STORM	WATER MA	POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT	ND REDEVELOPIA	IENT	
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.18.e. Permanent BMP Database	HAR-EE	Ensure 100% of post- construction BMP inspections are included in a database compatible with GIS.	1/1/16	100% of PBMP inspections were recorded in Cityworks (Attachment 19).	/	N/A	Update the inventory as necessary.

VII. Pollution Prevention and Good Housekeeping

		Рош	TION PREV	CITION PREVENTION AND GOOD HOUSEKEEPING			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./	BMP APPLIED/ MEASURABLE GOAL(S)	BMP Start Date	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.20. Storm Sewer System Operation and Maintenance	HAR-O & HAR-E	By 12/5/14, submit a Storm Sewer System Operation and Maintenance Program (SSS O&M) to DOH and EPA.	11/5/14	The SSS O&M plan was submitted to DOH and EPA for review in 2014; however it was not accepted based on the exclusion of an AMS. Harbors submitted a revised O&M plan in June 2016 but it was not accepted by DOH. Harbors will submit another revised O&M plan in 2017 upon completion.		N/A	Finalize and resubmit the SSS O&M Plan
CD.20.a. Storm Sewer System Mapping	HAR-EE / HAR-EP	Within 180 days of Army Corps of Engineers (ACOE) development of a GIS layer, create a map that identifies all storm drainage features.	1/1/15	Completed. In 2015, the USACE continued to add and refine SSS map features. Additionally, Harbors environmental engineering consultant (Weston Solutions, Inc.) conducted field work (kayak surveys, CCTV surveys and diving surveys) in November and December 2015 to fill in and correct 'data gaps' that remained in the original USACE version.		Update storm drain maps as necessary.	Update SSS map as needed with new project information and other findings from field personnel and other sources.
CD.20.b. Asset Management System	HAR-EE / HAR-EP	Within 180 days of ACOE map completion, implement an asset management system (AMS).	11/5/14	In 2015, Harbors contracted with an AMS consultant team to design, configure, demonstrate, test and deploy a cloud-based, GIS-centric Cityworks AMS for the Honolulu and Kalaeloa BP Harbors storm water system assets. There were about 40 active Cityworks users from Harbors personnel with essential roles in storm water O&M and management in 2016.		N/A	Continue to implement the Cityworks AMS for storm water management. The target for full implementation is June 30, 2016.

		POLLI	TTION PREV	LITTION PREVENTION AND GOOD HOUSEKEEPING			
MCM/BMP DESCRIPTION	RESPONSIBLE DEPT./ SECTION	BMP APPLIED/ MEASURABLE GOAL(S)	BMP START DATE	YEAR 14 MILESTONES/PROGRESS ON GOAL(S)	COMPLETED IN 2016?	NEW OR REVISED GOAL	PLANNED ACTIVITIES FOR YEAR 15
CD.20.c. Storm Drain Inspections	HAR-O	Complete storm drain inspections as described in the SSS O&M plan and record 100% in database.	1/1/16	All accessible storm drain inlets and trench drains were inspected and cleaned in 2016 (Attachment 19). Inspection findings and cleaning results were recorded in the Harbors GIS mapping system (Cityworks).		N/A	Starting in 2016, screening inspections of all storm drains will be continue to record inspections.
CD.20.d. Storm Drain Cleaning	HAR-O	By 8/2/15, clean all inlets, pipes, and outfalls. Then ensure structures are cleaned at least every five years and more frequently for "hot spots." Ensure 100% of hot spots include BMPs.	1/1/15	All accessible drainage features were cleaned in 2015 and 2016. Approximately 121 tons of debris was removed from storm drains in 2015. In 2016, 816 tons of debris was removed from inlets, pipes, and outfalls. The definition of a "hot spot" is enclosed in Attachment 18.		Y/N	Schedule and clean storm drains found to contain debris during screening and comprehensive inspections. Schedule cleaning in accordance with the SSS O&M Manual provisions.
CD.20.d.ii. Rail Track Cleaning	Kalaeloa Barbers Point Harbor Tenants / HAR-OCB	Ensure that tenants develop and implement a cleaning schedule for the rail tracks.	1/1/16	The Kalaeloa Barbers Point Harbor District personnel ensure that the tenants have completed rail cleaning on a regular basis, after each offloading operation.	/	N/A	Ensure that tenants continue to clean rails.
SWMP BMP 7-2. Wash Racks	HAR-EE	Review 100% of applications for wash rack use.	1/1/16	One wash rack application from UHMC was received in December 2016 and will be reviewed in 2017.	>	N/A	Continue to review applications as received.
SWMP BMP 7-2. Dry Wells	HAR-EE	Review 100% of applications for dry wells and/or infiltration sinks.	1/1/16	Zero applications were received or reviewed in 2016.		N/A	Continue to review applications as received.

PART IV --- SUMMARY OF INFORMATION COLLECTED AND ANALYZED

Information collected and analyzed is included as attachments on CD, including the following:

Public Education, Outreach, and Involvement

- 1. Newspaper Advertisement Describing Harbors Pollution Prevention Efforts
- 2. DOT Harbors Division 2016-2017 Fiscal Year Calendar
- 3. Volunteer Information and Waste Removal Statistics
- 4. Fox Valve Flier and Fact Sheets

Training

- 5. Tenant Training
 - a. Training Notice Letter with BMP sheets and Questionnaire
 - b. Presentation Slides
 - c. Sign-In Sheets
 - d. Tenant Environmental Manager of the Year (TEMY) Awards
 - e. Training Feedback Summary and Completed Surveys
 - f. Questionnaires Results Summary and Completed Questionnaires
- 6. Construction and Post Construction Training
 - a. Presentation Slides
 - b. Sign-In Sheets
 - c. Completed Surveys
- 7. Harbors Employee Survey and Results Summary
- 8. IDDE Training
 - a. Presentation Slides
 - b. Sign-In Sheets
 - c. Completed Questionnaires
- 9. Inspector Training
 - a. Tenant Inspection Manual (TIM) Presentation Slides
 - b. Sign-In Sheets
 - c. Completed Questionnaires

Illicit Discharge Detection and Elimination

- 10. Tenant Inventory, Risk Rank and Inspection Summary
- 11. Outfall Reconnaissance Inventory (ORI)
 - a. ORI Inspection Form
 - b. 2016 Honolulu Harbor ORI Report
 - c. 2016 Kalaeloa ORI Report
 - d. 2016 Kipa ORI Report
 - e. 2016 Outfall Prioritization Report
- 12. Tenant Illicit Discharge Investigations
- 13. Other MISC Illicit Discharge Investigations

Construction / Post-Construction

- 14. Construction Project Inventory and Inspection Summary
- 15. DOT Harbors Projects Review Inventory
- 16. Tenant Projects Review Inventory

Miscellaneous Information

- 17. Kalaealoa Harbor Stockpile Inspection Report
- 18. Hot Spot Definition
- 19. MS4 and Permanent BMP Inspection Log
- 20. Street Sweeper Log
- 21. Photographic Documentation
- 22. Administrative Extension of NGPC for Honolulu Harbor
- 23. Administrative Extension of NGPC for Kalaeloa Harbor

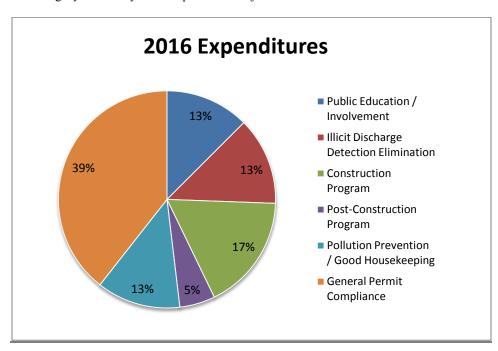
Please note that the Harbor maps with storm drain assets as well as cleaning and inspection data are available on the Harbors GIS system. (http://www.arcgis.com/home/). Please contact Harbors at (808) 587-1962 for access as deemed necessary.)

PART V --- PROGRAM OUTPUTS & ACCOMPLISHMENTS

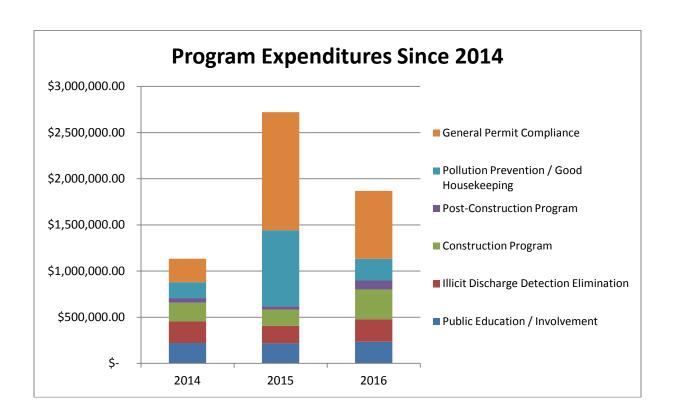
1. Programmatic

	PREFERRED UNITS	RESPONSE
Office of Environmental Compliance created/staffed	(y/n)	Y
Annual program budget/expenditures* ('Best efforts' estimates of 2016 expenditures)		
 Public Education and Outreach & Public Participation and Involvement Program expenditures 	(\$)	233,700
 Illicit Discharge / Illegal Connection BMP Program expenditures 	(\$)	244,200
 Construction Site Runoff Control expenditures 	(\$)	322,300
 Post-Construction Storm Water Management in New Development and Re-development Programs expenditures** 	(\$)	98,600
 Pollution Prevention and Good Housekeeping BMP Program expenditures 	(\$)	233,300
 General Permit Compliance expenditures 	(\$)	736,200
 Program Total Expenditures 	(\$)	1,868,300
Funding mechanisms(s) - (Routine Maintenance Fund, Special Maintenance, Major Maintenance, Service Project, Equipment Acquisition, Capital Improvement Project)		Routine and Special Maintenance Funds, CIP

^{**}Permanent BMP plan reviews and inspections are accounted for under the Construction Site Runoff Control category since they are completed in conjunction with construction related tasks.



^{*}Expenditures from Harbors employees have been approximately based on the estimated percentage of time that they worked on storm water related tasks.



Program Expenditures include costs of several consultant contracts as well as an estimate of time spent by Harbors employees to ensure compliance with the conditions of the Consent Decree and the NPDES permit. Total Expenditures in 2016 were nearly a million dollars less (about 31%) than the previous year. This is due to reductions in expenses associated with General Permit Compliance and Pollution Prevention / Good Housekeeping. Similar to the previous year, the largest expenditure in 2016 was general permit compliance; these expenses are associated with consultant fees related the maintenance of the AMS Cityworks database. As a part of the pollution prevention program, Harbors contracted Weston Solutions, Inc. to inspect and clean Harbor storm drains and to assist with filling in data gaps in the GIS storm drain maps. Surprisingly, expenditures in the pollution prevention category were less than last year even though the amount of debris removed (primarily refuse) from the MS4 area increased dramatically (see Part V, section 8). Harbors expects that expenses in this area will continue to decrease as the storm drain systems gather less debris. Expenses in the construction program were greater than previous years. Overall the funds expended in 2016 were adequate to address current needs.

2. Education, Involvement, and Training

	PREFERRED UNITS	RESPONSE
Estimated number of people reached by education program(s)*	(#)	379
 Tenant General Storm water BMP Training 	(#)	109
 Employee Storm water Training 	(#)	211
 Construction & Post-Construction Training 	(#)	23
■ IDDE	(#)	33
 New Inspectors 	(#)	3
Average score on the environmental knowledge survey(s):		
 Tenant Storm water Training 	(%)	96.7
 Employee Survey (average % correct responses) 	(%)	94.0
Tenants who had positive view of the training	(%)	96
Unique Visitors to the storm water website	(#)	1,103
Adopt-A-Harbor volunteers	(#)	63
Public Education Signs	(#)	0
Storm Drain Inlets Stenciled	(#)	0
"Protect Our Water Conference" Attendees	(#)	343

Notes: Data is from the 2016 calendar year.

^{*}Some individuals may have been trained at two or more of the training sessions; however, they were counted separately.



Data Analysis

The training and education of Harbors personnel, tenants, and the public were a top priorities in 2016. The total number of people and the number of individuals per category was very similar to

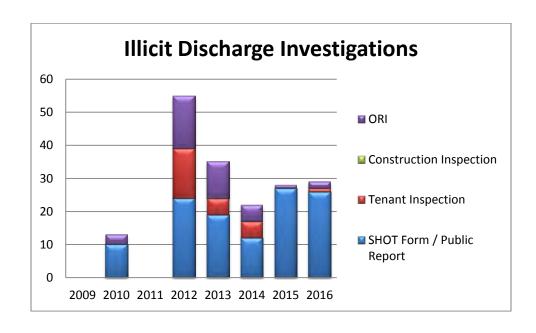
that of 2015. Reiteration of the environmental requirements, Harbors storm water procedures, and best management practices has shown to be the best way to facilitate a culture of compliance and storm water pollution awareness. The large number of people trained and their high quiz scores attest to the effectiveness of the training program. Additionally, Harbors participated in the joint DOT "Protect Our Water Conference" on November 16, 2016. Along with DOT-Highways and DOT-Airports, The conference highlighted the joint effort that the three DOT divisions are taking to collectively protect the water resources of Hawaii.

3. Legal/Regulatory

	IN PLACE PRIOR TO PHASE II	REVIEWING EXISTING AUTHORITIES	DRAFTED	DRAFT IN REVIEW	ADOPTED
Regulatory Mechanism Status (in	ndicate with ch	neck)			
 Illicit Discharge Detection & Elimination 	✓				
 Construction and Construction Related Activities 					✓
 Post-Development Storm Water Management 					✓
Accompanying Regulation Statu	s (indicate with	h check)			
 Illicit Discharge Detection & Elimination 	✓				
 Construction and Construction Related Activities 	✓				
 Post-Development Storm Water Management 	✓				

4. Mapping and Illicit Discharges

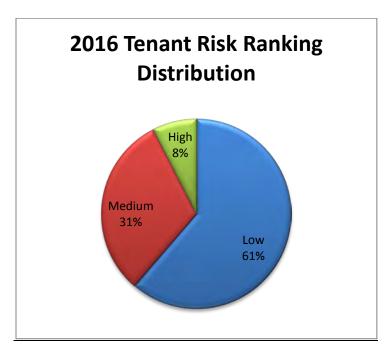
	PREFERRED UNITS	RESPONSE
System-wide mapping complete (complete storm sewer infrastructure)	(%)	100
Mapping method(s)		
Paper	(%)	100
GIS	(%)	100
Outfalls required to be inspected/screened	(#)	0
Honolulu Harbor	(#)	0
 Kalaeloa Barbers Point Harbor 	(#)	0
Illicit discharges investigated in 2016	(#)	30
 SHOT Forms / Public Reports 	(#)	26
 Tenant Inspections 	(#)	1
 Other Tenant Related Investigations 	(#)	2
 Construction Inspections 	(#)	0
 Outfall Reconnaissance 	(#)	2
Illicit discharges investigated since 2010	(#)	182
% of population on sewer	(%)	100
% of population on septic systems	(%)	0
Complaints/concerns received from public	(#)	1



A significant number of potential illicit discharges were identified and investigated in 2016. The amount and type of llicit discharge investigations in 2016 were nearly identical to those of 2015. Two instances lead to the implementation of enforcement procedures via written letters. However, these were resolved after Harbors educated and worked with the responsible parties. The vast majority of the notifications in 2016 came from calls made to the Harbors Control Tower by Harbors staff, tenants and the public (Shot Form). This indicates that the training provided is effective and people understand the correct protocols to intitiate when potential pollution is observed.

5. Harbors Tenants

	Preferred Units	RESPONSE
Total Unique Tenants	(#)	84
Total Tenant Sites	(#)	93
Low Risk Rank	(#)	57
Medium Risk Rank	(#)	29
High Risk Rank	(#)	7
Number of Tenant Inspections	(#)	102
New	(#)	4
Regular	(#)	39
Final	(#)	4
 Site Reconnaissance 	(#)	54
■ Follow-up	(#)	1
Number of Enforcement Actions	(#)	2



The risk ranking for tenants in 2016 remained fairly consistent with rankings performed in 2015; the majority of tenants are classified as low risk. This is consistent with the fact that the majority of tenants at Honolulu and Kalaeloa Barbers Point Harbors conduct small scale operations. The risk rank of two tenants was changed in 2016 as a result of site inspections: a change from medium to low, and a change from medium to high. Although there were four tenant-related enforcement actions this year, none of these directly involved the MS4 (such as the discharge of bulk aggregate from the pier side). In response, Harbors highlighted management of non-storm water discharges during the annual tenant and IDDE trainings to protect harbor water quality.

6. Construction

	PREFERRED UNITS	RESPONSE
Total number of construction plan reviews	(#)	38
■ DOT	(#)	31
■ Tenant	(#)	7
Total number of plan reviews requiring NGPC	(#)	2
Number of Harbors active construction sites	(#)	6
■ DOT	(#)	3
■ Tenant	(#)	3
• Others (e.g., CCH)	(#)	0
Estimated percentage of construction starts adequately regulated for	(%)	100%
erosion and sediment control		
Site inspections completed	(#)	36
Enforcement actions	(#)	0
Written warning	(#)	0
 Notice of Apparent Violation (NAV) 	(#)	0
 Issuance of stop work order and summons/citations 	(#)	0
 Referral to DOH 	(#)	0
■ Fines collected	(#)	0



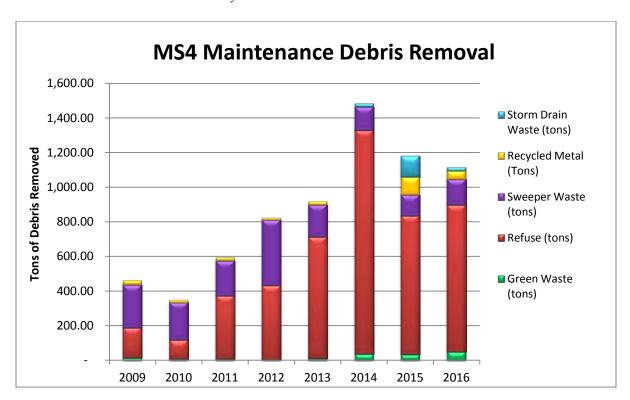
The number of construction inspections decreased from 2015 to 2016. Although minor deficiencies were reported during inspections, these issues were quickly corrected and zero enforcement actions were taken. This indicates that construction related storm water training is effective and shows evidence of a growing storm water pollution awareness at Harbors.

7. Post-Development Storm Water Management

	PREFERRED UNITS	RESPONSE
Estimated percentage of development/redevelopment projects	(%)	100
adequately regulated for post-construction storm water control		
Number of new permanent BMPs	(#)	1
Site inspections (for proper BMP installation & operation) completed	(#)	5
BMP maintenance required through lease agreements, due diligence &	(y/n)	Y
property covenants, right of way/easements, etc.		

8. Operations and Maintenance

	PREFERRED UNITS	RESPONSE
Average frequency of catch basin cleaning	(times/year)	6
Number of storm drain cleanings	(#)	360
Quantity of screenings/debris removed from storm sewer infrastructure	(tons)	20
Disposal or use of screenings (landfill, POTW, compost, beneficial use,	(location)	PVT
etc.)		Landfill
Cleaning Equipment		
 Vacuum truck(s) owned/leased by Harbors 	(#)	1
 Vacuum trucks specified in contracts 	(y/n)	N
 % Structures cleaned with vacuum 	(%)	99
 % Structures cleaned with manual labor 	(%)	1
Sweeping Equipment		
 Rotary brush street sweepers owned/leased 	(#)	3
 Vacuum street sweepers owned/leased 	(#)	0
 Vacuum street sweepers specified in contracts 	(y/n)	N
Average frequency of street sweeping	(times/week)	2
Quantity of sand/debris collected by sweeping	(tons)	149
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Landfill
Abandoned Items Disposed		
■ Green Waste	(tons)	50
■ Refuse	(tons)	816
 Used Batteries 	(#)	11
 Electronic Waste 	(tons)	0



Debris removal reached a total of 1,035 tons in 2016; this is less debris than the amount removed during the two previous years. The storm drain cleaning generated 20 tons of waste in 2016, which was similar to the amount removed in 2014. Although the amount of metal recycled was nearly half of what was recycled the previous year, it was more than all other years. Green waste removed was greater than all previous years. However, volunteer activities also played a key role in keeping the Harbor clean and preventing pollution.

Attachment 1

Newspaper Advertisement Describing Harbors Pollution Prevention Efforts

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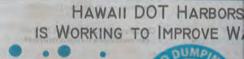
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In 2016, HDOT Harbors Division has focused on p through a variety of efforts, including:

- Training for Storm Water Awareness and Illicit Elimination.
- The implementation of a new Asset Management storm water assets and inspection activities.
- Recognition of 16 Tenant Environmental Management Protect Our Harbor Waters.

UPCOMING EVENT

Protect Our Water Conference: November 16, 201 This is a joint training session for Harbors, Highways designers, and contractors on preventing water pollut For information, call Randal Leong at 587-1962

YOU CAN HELP IMPROVE WA

- Report illegal dumping and discharg
- Properly recycle and dispose of house
 - Participate in a beach or stream clear

MALAMA I KE KAI PROTECT OUR HARBOR W

Harbors Storm Water Hotline: (8

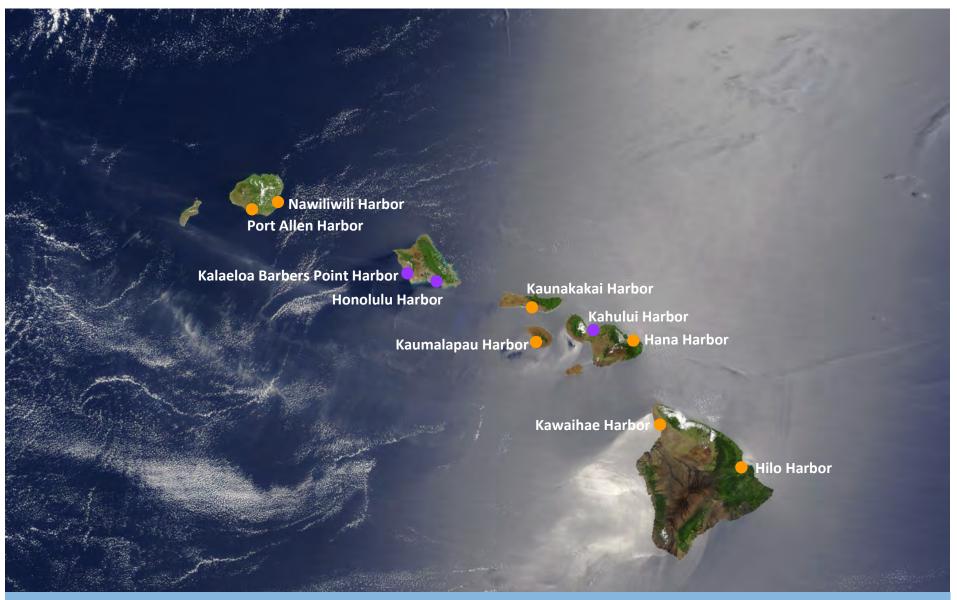
http://hidot.hawaii.gov/harbors/library/storm

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Attachment 2 DOT Harbors Division 2016-2017 Fiscal Year Calendar





2016-2017 Fiscal Year Calendar HDOT HARBORS DIVISION

"GO GREEN" LIVE AN ECO FRIENDLY LIFESTYLE



MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS

JANUARY

Reduce, Reuse, Recycle.

FEBRUARY

Change to efficient light bulbs and look into alternative energy source.

MARCH

Avoid using single-use plastic packaging.

APRIL

Start a garden.

MAY

Use a water saving shower head and faucet.

JUNE

Switch to non-toxic plant based cleaning products.

reduce our environmental footprint

ONE MONTH AT A TIME



JULY

Carpool, utilize public transportation system, or ride a bicycle.

AUGUST

Buy local and support local business.

SEPTEMBER

Volunteer at a beach clean up event.

OCTOBER

Go digital! Reduce use of plastic CDs, DVDs, & jewel cases. Download e-books and music online.

NOVEMBER

Plant and care for native plants.

DECEMBER

Give eco-friendly holiday gifts and re-use gift bags.



Why Should We Care?

MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS

For our future generations.

Sustainable Environment.

Preserve a healthy island ecosystem.

Everyone has a responsibility.

What we do affects our beaches, recreation, tourist industry, and our Hawaiian lifestyle.









HDOT HARBORS STORM WATER MANAGEMENT

MĀLAMA I KE KAI — PROTECT OUR HARBOR WATERS

The Department of Transportation, Harbors Division (Harbors), is responsible for managing storm water conveyed through Small Municipal Separate Storm Sewer Systems (MS4) to the harbors as a result of National Pollutant Discharge Elimination System (NPDES) permits for Honolulu Harbor, Kalaeloa Barbers Point Harbor, and Kahului Harbor.

The Deputy Director of Harbors Division leads the compliance effort. The Harbors Engineering Branch, Environmental Section has been designated to coordinate the implementation of Storm Water Management Plan and the November 2014 Consent Decree requirements, with assistance from other Harbors sections and offices. Oahu and Maui Districts have the lead in the operation and maintenance of storm water conveyance systems and day-to-day harbor operations.

Everyone plays a critical part in helping prevent storm water pollution from entering storm water conveyance systems and near shore ecosystems.

Visit the Harbors storm water website for more information, including a list of endorsed BMPs:









http://hidot.hawaii.gov/harbors/library/storm-water-management/



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

PHYSICAL INDICATORS

- Foamy flow from outfall during dry weather
- Sheen on water
- Odor resembling petroleum, sulfur, or sewage
- Unnatural discoloration
- Turbid or cloudy water
- Unusual deposition and staining on hard surfaces
- Aggregate, gravel, and sand littering surfaces

REPORT TO

Oahu Harbors:

Harbor Traffic Control—(808) 587-2076

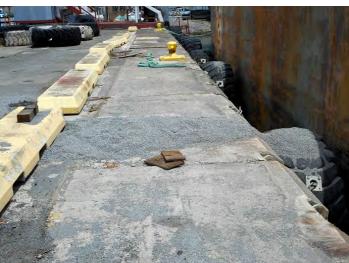
Neighbor Island Harbors:

Contact Your Supervisor

More Questions:

Environmental Hotline—(808) 587-1962













RAINY SEASON PREPARATION

MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS





WORKPLACE BMPS

MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS

- Keep area neat and well organized.
- Sweep daily.
- Keep garbage lids closed while not in use.
- Recycle or dispose of all wastes properly and promptly.
- Do not wash or hose down outdoor work areas.
- Handle hazardous substances sparingly and carefully.
- Do not handle, use, pour, dispose, or transfer wastes near storm drain systems.
- Clean up spills promptly using dry methods only.
- Ensure all employees are properly trained.









FACTS ON PLASTIC

MĀLAMA I KE KAI — PROTECT OUR HARBOR WATERS



Plastics have been found in all major oceans, not just on land.

Every year, **6.4** million tons of plastic are dumped into the ocean.

There is an estimated 5.25 trillion pieces of plastic debris in the ocean. 269,000 float on the surface while 4,000,000,000 plastic microfibers per square kilometer cover the deep sea.

100,000 marine creatures die every year from plastic entanglement.

Plastic is not biodegradable, instead it breaks down into smaller pieces.

These smaller pieces are eaten and release chemicals into the fish we eat.

Scientists have declared 200 ocean areas as "dead zones" where no living organism can grow.

The great pacific garbage patch is made up almost entirely of tiny plastics called micro plastics. 80% - of debris in the GPGP comes from land based activities. 20% - from boaters, large cargo ships, and offshore oil rigs.



CONTAIN TRASH

MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS

Trash threatens aquatic and marine life through ingestion, entanglement, and habitat degradation. It also jeopardizes public health and safety while posing obstruction to recreational, navigational, and commercial activities. Finally, trash can serve as a transport medium for pollutants and act as a vector for invasive species that will destroy our fragile ecosystem in Hawaii.





DRINK FROM
REUSEABLE
WATER BOTTLES



RECYCLE GO THAT EXTRA MILE



DON'T BUY
PRODUCTS WITH
UNNECESSARY
PACKAGING



USE ECO FRIENDLY OR **RUSEABLE** BAGS



PARTICIPATE OR ORGANIZE A **BEACH CLEAN UP** EVENT



THROW TRASH IN A **COVERED** BIN



ONLY **RAIN** IN THE STORM DRAIN

COMMON HOUSEHOLD CHEMICALS & HOW YOU CAN HELP

MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS

Petroleum Products

Regularly check vehicles for leaks and properly dispose of used products.



Household Cleaners

Reduce the amount and/or toxicity of cleaning products you use, by selecting non-hazardous or less hazardous products (e.g., biodegradable phosphorus-free, or plant-based soaps and cleaners).



Hazardous Waste

Check with your local county for advice on how to dispose of unwanted household chemicals. If possible, recycle rather than discard. All counties host household hazardous waste pick-ups.





Fertilizers, Pesticides, and Herbicides

Follow manufacturer's instructions. Do not overwater lawn. Avoid applying prior to a rain event. Use berm irrigation techniques to minimize runoff.



Bug Sprays

Reduce use or switch to natural or plant based bug sprays.



LANDSCAPE BMPS

MĀLAMA I KE KAI — PROTECT OUR HARBOR WATERS



Rain Gardens are engineered systems that capture, filter, and infiltrate storm water back into our aquifers. They are customized based on amount of rain and frequency, drainage area, temperature, climate, and amount of sunlight. Plants are typically native and are selected based on targeted pollutants.

Planting Trees and sidewalk gardens reduce flooding and water pollution by capturing rain during large storms. Trees and gardens allow rain water to infiltrate into the soil and minimize potentially polluted runoff from entering storm conveyance systems, which eventually discharge to our ocean.

Growing Native Hawaiian plants is important. About 90% of our native plants are found nowhere else in the world and are some of the most endangered. Native plants require less water usage and lower maintenance. Awareness of native Hawaiian plants will increase important cultural understanding, appreciation and respect for Hawaiian history and culture.

Compost offers a natural alternative to chemical fertilizers. It can divert as much as 30% of household waste away from the garbage bin, so as to reduce landfill waste. With compost, rich humus adds nutrients to the lawn and garden, and helps improve soil structure by increasing infiltration, permeability and moisture retention in the soil.



HOUSEHOLD BMPS

MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS



- Install turf block, gravel, or permeable pavement in place of concrete paths/driveways.
- Utilize rain barrels to capture rain water and reuse to reduce storm water runoff.
- Reduce the slope of your lawn.
- Keep a well maintained and organized storage area in your garage or undercover.
- Use household hazardous chemicals sparingly or switch to non-toxic, biodegradable alternatives.
- Dispose of waste properly.



MĀLAMA I KE KAI – PROTECT OUR HARBOR WATERS

Keep sidewalks, curbs, and gutters clean by sweeping up debris and disposing of it in the trash.

Check your vehicle for leaking oil.

Maintain it regularly.

Never apply pesticides or fertilizers before a rain event. Store in a covered waterproof area.

Rake leaves and grass clippings to prevent them from entering storm drains.

Pick up animal waste and dispose properly.

exposed areas.

Purchase less toxic products.

Have your oil changed by a shop that recycles their waste. If changing your own oil, use an oil change box and recycle.

Only buy household cleaning products you need and can use.

Use water based paints whenever possible.

Conserve water for landscaping. Use drip irrigation or rain barrels.

control soil erosion by planting
ground cover or mulching

Do not discharge pool water

directly into storm drain.

Wash your vehicle at a commercial wash facility where water is treated and recycled. If washing your vehicle at home, try to park on a grassy area to allow the wash water to infiltrate and use phosphate-free, biodegradable products.



State of Hawaii, Dept. of Transportation, Harbors Division "Mālama i ke kai" — Protect Our Harbor Waters

http://hidot.hawaii.gov/harbors/library/storm-water-management/



Attachment 3 Volunteer Information and Waste Removal Statistics

Fw: Adopt-A-Harbor

Randal Leong to: Ying J Zhang 02/22/2016 01:20 PM

From: Randal Leong/HAR/HIDOT

To: Ying J Zhang/HAR/HIDOT@HIDOT,

History: This message has been replied to.

Joy, pls add to data base for volunteer events.

......

Randal Leong

Department of Transportation, Harbors Division Engineering Branch, Environmental Section Phone: (808)587-1962; Fax: (808)587-1864

E-mail: randal.leong@hawaii.gov

---- Forwarded by Randal Leong/HAR/HIDOT on 02/22/2016 01:19 PM -----



Captain Jeff Lansdown wikoliana@gmail.com>

02/22/2016 11:50 AM

Please respond to wikoliana@gmail.com

To fanawati@marisco.net, shannon.n.gilreath@uscg.mil, "Jarboe, Nicolas A LCDR" < Nicolas. A. Jarboe@uscg.mil>, todd.j.offutt@hawaii.gov, Randal Leong <randal.leong@hawaii.gov>, calvert.jt.chun@hawaii.gov, eric.leong@hawaii.gov, Ed.R.Underwood@hawaii.gov, meghan.l.statts@hawaii.gov, suzanne.case@hawaii.gov, "abrittain@hpu.edu" <abrittain@hpu.edu>, Alessandra Jordan <ajannjordan@gmail.com>, Andrew P Johnson <andrewi@hawaii.edu>, Bob Perkins <perkins@hcc.hawaii.edu>, "bradr@sause.com" <bradr@sause.com>, "brian.schatz@hawaii.gov" <ahov@captainsclubhi.org>. Chris Woolaway <cwoolaway@hawaii.rr.com>, Chris Woolaway <chris@woolaway.com>, Cindy Hunter <cindyh@hawaii.edu>, "clifford.g.inn@hawaii.gov" <cli>fford.g.inn@hawaii.gov>, "connie@plywoodhawaii.com" <connie@plywoodhawaii.com>, "davis.k.yogi@hawaii.gov" <davis.k.yogi@hawaii.gov>, "dlnr.aquatics@hawaii.gov" <dInr.aquatics@hawaii.gov>, Gordie Morris <sailing@hawaiiantel.net>, Hans Van Tilburg - NOAA Federal hans.vantilburg@noaa.gov, "Hawaii Boats & Yachts Magazine" <books@maui.net>, "hosthawaii@hosthawaii.org" <hosthawaii@hosthawaii.org>, lan Lansdown <captainlansdown@gmail.com>, "Ifland, Zach" <zach.ifland@surfingthenations.com>, "ikaika mahoe@schatz.senate.gov" <ikaika mahoe@schatz.senate.gov>, "info@aquakids.tv" <info@aquakids.tv>, "info@artnelsonsailmaker.com" <info@artnelsonsailmaker.com>, jesse andrews <andrewsjesse@gmail.com>, "JGomersall@thephoenician.net" <JGomersall@thephoenician.net>, "kbirch@matson.com" <a <kkeaveney@pmrg.com>, Kim Beasley kimb@cleanislands.org, "Kim@brianschatz.com" <Kim@brianschatz.com>, Lachmin Singh <Lachmin.singh@gmail.com>, Lachmin Singh <lsingh@dwkesq.com>, Ling Ong <bluewater.ong@gmail.com>, "loansbylisa@yahoo.com" <loansbylisa@yahoo.com>,

"Isweets@palamasettlement.org"



<lsweets@palamasettlement.org>, "mac@foss.com" <mac@foss.com>, Mark Heckman <mheckman@hawaii.edu>, "matthew.parry@noaa.gov" <matthew.parry@noaa.gov>, "mayor@honolulu.gov" <mayor@honolulu.gov>, "mikew@ussmissouri.org" <mikew@ussmissouri.org>, Monte44 <monte44@aol.com>, "neal@pop-hawaii.com" <neal@pop-hawaii.com>, "neil@pop.hawaii.com" <neil@pop.hawaii.com>, "oceanlife34@yahoo.com" <oceanlife34@yahoo.com>, "peat@surfvivor.com" <peat@surfvivor.com>, Pua Rochlen <pua@jamsworld.com>, "r.ryan@discountsignshawaii.com" <r.ryan@discountsignshawaii.com>, Ray Sanborn <ray@kamaainakids.com>, Raymie Walters <raymie.walters@gmail.com>, Rebecca Lesher <geosupergeek@gmail.com>, Robin Beasley <rbeasley@punahou.edu>, "sabs@roguestarsolutions.com" <sabs@roquestarsolutions.com>, Seabelo Silitshena <sabsils@gmail.com>, "seawords@hawaii.edu" <seawords@hawaii.edu>, Sinclair <sinclairbrown18@yahoo.com>, "vbetancourt@honolulu.gov" <vbetancourt@honolulu.gov>, Victoria Lansdown <vlansdown13@gmail.com>, "william.j.ailajr@hawaii.gov" <william.j.ailajr@hawaii.gov>, "Wurlitzer, Dane" <Dane.Wurlitzer@hawaiiancement.com>, Oh AnaTwo <studentlife@hpu.edu>,

CC

Subject Fwd: Adopt-A-Harbor

Aloha Hawai'i's Ocean Community,

On January 19, 2016 we had about two dozen youth volunteers from the "Windward District Student Council" (WDSC) come out to Barbers Point to do a service project. The group did a huge harbor cleanup of all the public access areas of the Harbor. We have attached the data analysis of the litter they picked up and documented. Marisco Limited, and the Phoenician LLC, are adoptees in our statewide Adopt-A-Harbor program.

Two years ago, as the Adopt-A-Harbor program was just beginning, Marisco Limited and The Phoenician stepped up as the first companies participating and they did this by sponsoring the at risk kids from Goodwill Industries' "Ola I Ka Hana" program. Ola I Ka Hana means "To live and thrive by means of your work". Ola I Ka Hana was our first Adopt-A-Harbor group.

The "WDSC" group split into two teams and took turns between the harbor cleanup and preparing the old Ford Island Ferry to become an artificial reef / dive site. There was of course plenty of hand-made shave ice to cool down the hot and hungry students on a very hot day. The "WDSC" is an amazing group, it is made up of school leaders from middle and high schools of the windward side of Oahu. These student leaders are extremely motivated, very polite, it was a pleasure to work with them.

We have many more Harbor Cleanups coming up this year, including a Pier 2-11 cleanup February 27th Adopt-A-Harbor adopter Friends of Falls of Clyde with volunteers from the Rotary Club of Metropolitan Honolulu, and Honolulu Community College' Honor Society.

New news, two new Adoptees joining our Adopt-A-Harbor program. Maritime License Center, and The Captains Club, WELCOME ABOARD:)

If you know of any groups that would like to join in for a day or a two year Adopt-A-Harbor adoptee commitment please let me know:)

Thank You

Captain Jeff Lansdown

Wikoliana Educational Excursions

Pier 7 Honolulu Harbor 96813

Phone: 808-230-0940

Email: wikoliana@gmail.com

Website: Wikoliana.com

"Saving The world One Ocean At A Time"





Categorized Items	Land	Underwater	Watercraft	Total Items	Percentage of Total
Most Likely To Find Items					, , , , , , , , , , , , , , , , , , ,
Cigarette Butts	1117	0	0	1117	42.90%
Food Wrappers (candy, chips, etc.)	213	0	0	213	8.18%
Take Out/Away Containers (Plastic)	0	0	0	0	0.00%
Take Out/Away Containers (Foam)	0	0	0	0	0.00%
Bottle Caps (Plastic)	0	0	0	0	0.00%
Bottle Caps (Metal)	0	0	0	0	0.00%
Lids (Plastic)	537	0	0	537	20.62%
Straws, Stirrers	9	0	0	9	0.35%
Forks, Knives, Spoons	0	0	0	0	0.00%
Beverage Bottles (Plastic)	11	0	0	11	0.42%
Beverage Bottles (Glass)	23	0	0	23	0.88%
Beverage Cans	22	0	0	22	0.84%
Grocery Bags (Plastic)	198	0	0	198	7.60%
Other Plastic Bags	0	0	0	0	0.00%
Paper Bags	0	0	0	0	0.00%
Cups & Plates (Paper)	0	0	0	0	0.00%
Cups & Plates (Plastic)	63	0	0	63	2.42%
Cups & Plates (Foam)	0	0	0	0	0.00%
Category Totals	2193	0	0	2193	84.22%
Fishing Gear					
Fishing Buoys, Pots & Traps	4	0	0	4	0.15%
Fishing Net & Pieces	0	0	0	0	0.00%
Fishing Line (1 yard/meter = 1 piece)	78	0	0	78	3.00%
Rope (1 yard/meter = 1 piece)	14	0	0	14	0.54%
Category Totals	96	0	0	96	3.69%
Packaging Materials					
6-Pack Holders	1	0	0	1	0.04%
Other Plastic/Foam Packaging	0	0	0	0	0.00%
Other Plastic Bottles (oil, bleach, etc.)	1	0	0	1	0.04%
Strapping Bands	17	0	0	17	0.65%
Tobacco Packaging/Wrap	29	0	0	29	1.11%
Category Totals	48	0	0	48	1.84%
Other Trash					
Appliances (refigerators, washers, etc	0	0	0	0	0.00%
Balloons	1	0	0	1	0.04%

Adopt-A-Harbor Barbers Point

Cigar Tips	200	0	0	200	7.68%
Cigarette Lighters	2	0	0	2	0.08%
Construction Materials	60	0	0	60	2.30%
Fireworks	0	0	0	0	0.00%
Tires	0	0	0	0	0.00%
Category Totals	263	0	0	263	10.10%
Personal Hygiene					
Condoms	1	0	0	1	0.04%
Diapers	3	0	0	3	0.12%
Syringes	0	0	0	0	0.00%
Tampons/Tampon Applicators	0	0	0	0	0.00%
Category Totals	4	0	0	4	0.15%
TOTAL	2604	0	0	2604	100.00 %
REPORT ADDENDUM					
Tiny Trash Less Than 2.5cm					
Foam Pieces	95	0	0	95	81.20%
Glass Pieces	22	0	0	22	18.80%
Plastic Pieces	0	0	0	0	0.00%
Category Totals	117	0	0	117	100.00%

Fw: Harbor Cleanup February 27, 2016

Randal Leong to: Ying J Zhang

From: Randal Leong/HAR/HIDOT

To: Ying J Zhang/HAR/HIDOT@HIDOT,

Looks like he didn't send this to you. The handouts ETC is working on would be useful to share with these volunteer groups.

.....

Randal Leong

Department of Transportation, Harbors Division Engineering Branch, Environmental Section Phone: (808)587-1962; Fax: (808)587-1864

E-mail: randal.leong@hawaii.gov

---- Forwarded by Randal Leong/HAR/HIDOT on 03/09/2016 08:01 AM ----



Captain Jeff Lansdown <wikoliana@gmail.com>

03/08/2016 05:09 PM

Please respond to wikoliana@gmail.com

To fanawati@marisco.net, shannon.n.gilreath@uscg.mil, "Jarboe, Nicolas A LCDR" < Nicolas. A. Jarboe@uscg.mil>, todd.j.offutt@hawaii.gov, Randal Leong <randal.leong@hawaii.gov>, calvert.jt.chun@hawaii.gov, eric.leong@hawaii.gov, Ed.R.Underwood@hawaii.gov, meghan.l.statts@hawaii.gov, suzanne.case@hawaii.gov, "abrittain@hpu.edu" <abrittain@hpu.edu>, Alessandra Jordan <ajannjordan@gmail.com>, Andrew P Johnson <andrewi@hawaii.edu>, Bob Perkins <perkins@hcc.hawaii.edu>, "bradr@sause.com" <bradr@sause.com>, "brian.schatz@hawaii.gov" <ahov@captainsclubhi.org>. Chris Woolaway <cwoolaway@hawaii.rr.com>, Chris Woolaway <chris@woolaway.com>, Cindy Hunter <cindyh@hawaii.edu>, "clifford.g.inn@hawaii.gov" <cli>clifford.g.inn@hawaii.gov>, "connie@plywoodhawaii.com" <connie@plywoodhawaii.com>, "davis.k.yogi@hawaii.gov" <davis.k.yogi@hawaii.gov>, "dlnr.aquatics@hawaii.gov" <dInr.aquatics@hawaii.gov>, Gordie Morris <sailing@hawaiiantel.net>, Hans Van Tilburg - NOAA Federal hans.vantilburg@noaa.gov, "Hawaii Boats & Yachts Magazine" <boats@maui.net>, "hosthawaii@hosthawaii.org" <hosthawaii@hosthawaii.org>, lan Lansdown <captainlansdown@gmail.com>, "Ifland, Zach" <zach.ifland@surfingthenations.com>, "ikaika mahoe@schatz.senate.gov" <ikaika mahoe@schatz.senate.gov>, "info@aquakids.tv" <info@aquakids.tv>, "info@artnelsonsailmaker.com" <info@artnelsonsailmaker.com>, jesse andrews <andrewsjesse@gmail.com>, "JGomersall@thephoenician.net" <JGomersall@thephoenician.net>, "kbirch@matson.com" <a <kkeaveney@pmrg.com>, Kim Beasley kimb@cleanislands.org, "Kim@brianschatz.com" <Kim@brianschatz.com>, Lachmin Singh <Lachmin.singh@gmail.com>, Lachmin Singh <lsingh@dwkesq.com>, Ling Ong <bluewater.ong@gmail.com>, "loansbylisa@yahoo.com" <loansbylisa@yahoo.com>, "Isweets@palamasettlement.org"

<lsweets@palamasettlement.org>, "mac@foss.com"

03/09/2016 08:03 AM



<mac@foss.com>, Mark Heckman <mheckman@hawaii.edu>, "matthew.parry@noaa.gov" <matthew.parry@noaa.gov>, "mayor@honolulu.gov" <mayor@honolulu.gov>, "mikew@ussmissouri.org" <mikew@ussmissouri.org>, Monte44 <monte44@aol.com>, "neal@pop-hawaii.com" < neal@pop-hawaii.com>, "neil@pop.hawaii.com" <neil@pop.hawaii.com>, "oceanlife34@yahoo.com" <oceanlife34@yahoo.com>, "peat@surfvivor.com" <peat@surfvivor.com>, Pua Rochlen <pua@jamsworld.com>, "r.ryan@discountsignshawaii.com" <r.ryan@discountsignshawaii.com>, Ray Sanborn <ray@kamaainakids.com>, Raymie Walters <raymie.walters@gmail.com>, Rebecca Lesher <geosupergeek@gmail.com>, Robin Beasley <rbeasley@punahou.edu>, "sabs@roguestarsolutions.com" <sabs@roguestarsolutions.com>, Seabelo Silitshena <sabsils@gmail.com>, "seawords@hawaii.edu" <seawords@hawaii.edu>, Sinclair <sinclairbrown18@yahoo.com>, "vbetancourt@honolulu.gov" <vbetancourt@honolulu.gov>, Victoria Lansdown <vlansdown13@gmail.com>, "william.j.ailajr@hawaii.gov" <william.j.ailajr@hawaii.gov>, "Wurlitzer, Dane" <Dane.Wurlitzer@hawaiiancement.com>, Oh AnaTwo <studentlife@hpu.edu>, smoku@hpu.edu,

Subject Harbor Cleanup February 27, 2016

Aloha Hawaii's Ocean Community,

The Falls of Clyde has just started their two year Adopt-A-Harbor agreement. Their first harbor cleanup was February 27, 2016. Cleaning up Aloha Tower Drive from pier 4 - pier 11. Joining in the effort were members from the Metropolitan Rotary Club, with staff and students from Honolulu Community Collage. It was a beautiful day to be at the harbor. A boat load of trash was collected, and after the cleanup was done volunteers had lunch next to the Falls of Clyde. Cleanup data attached.

CC

Coming up this Sunday afternoon from 13:00 - 16:00 The Captain's Club will be doing a Harbor cleanup at the Keehi Small Boat Harbor. Drive down Sand Island Road turn right after you pass all the big tanks but before you get to the bridge. The Captain's Club is made up of foster children and at risk youth. The kids get to be the leaders. I believe it is very important for us to show up as volunteers to support this group:) Please help spread the word!!

Thank You

Captain Jeff Lansdown

Wikoliana Educational Excursions

Pier 7 Honolulu Harbor 96813

Phone: 808-230-0940

Categorized Items	Land	Underwater	Watercraft	Total Items	Percentage of Total
Most Likely To Find Items					J
Cigarette Butts	1768	0	0	1768	59.55%
Food Wrappers (candy, chips, etc.)	61	0	0	61	2.05%
Take Out/Away Containers (Plastic)	17	0	0	17	0.57%
Take Out/Away Containers (Foam)	19	0	0	19	0.64%
Bottle Caps (Plastic)	132	0	0	132	4.45%
Bottle Caps (Metal)	704	0	0	704	23.71%
Lids (Plastic)	27	0	0	27	0.91%
Straws, Stirrers	26	0	0	26	0.88%
Forks, Knives, Spoons	17	0	0	17	0.57%
Beverage Bottles (Plastic)	17	0	0	17	0.57%
Beverage Bottles (Glass)	16	0	0	16	0.54%
Beverage Cans	21	0	0	21	0.71%
Grocery Bags (Plastic)	7	0	0	7	0.24%
Other Plastic Bags	9	0	0	9	0.30%
	21	0	0	21	
Paper Bags	13		0	13	0.71%
Cups & Plates (Plastic)		0			0.44%
Cups & Plates (Plastic)	11	0	0	11	0.37%
Cups & Plates (Foam)	3	0	0	3	0.10%
Category Totals	2889	0	0	2889	97.31%
Fishing Gear	0	0		0	0.000/
Fishing Buoys, Pots & Traps	0	0	0	0	0.00%
Fishing Net & Pieces	1	0	0	1	0.03%
Fishing Line (1 yard/meter = 1 piece)	12	0	0	12	0.40%
Rope (1 yard/meter = 1 piece)	1	0	0	1	0.03%
Category Totals	14	0	0	14	0.47%
Packaging Materials	_	_		-	
6-Pack Holders	6	0	0	6	0.20%
Other Plastic/Foam Packaging	4	0	0	4	0.13%
Other Plastic Bottles (oil, bleach, etc.)	4	0	0	4	0.13%
Strapping Bands	1	0	0	1	0.03%
Tobacco Packaging/Wrap	25	0	0	25	0.84%
Category Totals	40	0	0	40	1.35%
Other Trash					
Appliances (refigerators, washers, etc		0	0	0	0.00%
Balloons	0	0	0	0	0.00%
Cigar Tips	12	0	0	12	0.40%
Cigarette Lighters	0	0	0	0	0.00%
Construction Materials	2	0	0	2	0.07%
Fireworks	0	0	0	0	0.00%
Tires	0	0	0	0	0.00%
Category Totals	14	0	0	14	0.47%
Personal Hygiene					
Condoms	3	0	0	3	0.10%
Diapers	5	0	0	5	0.17%
Syringes	2	0	0	2	0.07%
Tampons/Tampon Applicators	2	0	0	2	0.07%
Category Totals	12	0	0	12	0.40%
TOTAL	2969	0	0	2969	100.00 %
REPORT ADDENDUM					
Tiny Trash Less Than 2.5cm					
Foam Pieces	10	0	0	10	6.41%
Glass Pieces	20	0	0	20	12.82%
Plastic Pieces	126	0	0	126	80.77%
Category Totals	156	0	0	156	100.00%

Zhang, Ying J

From: Wurlitzer, Dane < Dane.Wurlitzer@hawaiiancement.com>

Sent:Monday, December 12, 2016 9:07 AMTo:wikoliana@gmail.com; Zhang, Ying JSubject:FW: Harbors clean up 12/3- some pics

Attachments: IMG_9267.JPG; ATT00001.txt; IMG_9268.JPG; ATT00002.txt; IMG_9272.JPG; ATT00003.txt; IMG_

 $9274. JPG; \ ATT00004. txt; \ IMG_9276. JPG; \ ATT00005. txt; \ IMG_9280. JPG; \ ATT00006. txt; \ IMG_9283. JPG; \\$

ATT00007.txt; IMG_9284.JPG; ATT00008.txt; IMG_9286.JPG; ATT00009.txt; FullSizeRender.jpg;

ATT00010.txt

Jeff,

Attached are some pictures of the latest Harbor Clean-up sponsored by Hawaiian Cement. Work was performed by Saint Louis School Intermediate and JV Soccer teams who collected 24 bags of rubbish. Gina Ungos was the lead coordinator from Hawaiian Cement. Tally Sheets will be forwarded on a separate e-mail.

Dane Wurlitzer Hawaiian Cement (808)532-3407

-----Original Message-----From: Gina Ungos (Contact)

Sent: Thursday, December 08, 2016 7:59 AM

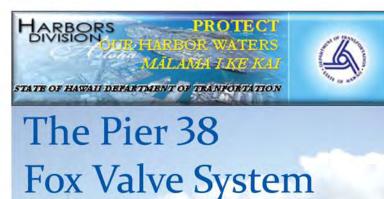
To: Wurlitzer, Dane

Subject: Harbors clean up 12/3- some pics

*** This is an EXTERNAL email. Exercise caution. ***



Attachment 4 Fox Valve Flyer and Fact Sheets



WHAT is a Fox Valve System?

- The Fox Valve System is a pollution control system.
- The Fox Valve System diverts wash water to the sanitary sewer system instead of allowing it to drain directly into Harbor waters.



WHY a Fox Valve System?:



Trench drains around the pier

- Normally, storm water enters the Pier 38 trench drain and is discharged into Harbor waters.
- During fish offloading, fish blood and waste are often spilled onto the pier deck and need to be washed off.
- The Fox Valve System ensures that wash water flows to the sanitary sewer system where it is properly disposed.



An example of wash water entering the Harbor



The Pier 38 Fox Valve System



WHAT is a Fox Valve System?

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- During fish offloading, fish blood and waste are often spilled onto the pier deck and need to be washed off.
- The Fox Valve System ensures that wash water flows to the sanitary sewer system where it is properly disposed.



An example of wash water entering the Harbor

HOW it works:

- Wash water must be supplied from one of the eight Pier 38 hatches.
- The Fox Valve System is activated when the water is turned on.
- Wash water must be directed into the trench drain.
- The Fox Valve System will divert the wash water into the sanitary sewer system.
- DO NOT direct wash water over the edge of the pier deck.
- DO NOT use water from a United Fishing Agency supply source to wash the pier deck.



Warning signs posted around pier

ONLY USE WATER FROM ONE OF THE EIGHT WATER HATCHES ON PIER 38 TO WASH DOWN THE PIER DECK





For more information, please visit DOT Harbors Division storm water management program at: http://hidot.hawaii.gov/harbors/library/storm-water-management/

HOW it works:

- Wash water must be supplied from one of the eight Pier 38 hatches.
- The Fox Valve System is activated when the water is turned on.
- Wash water must be directed into the trench drain.
- The Fox Valve System will divert the wash water into the sanitary sewer system.
- DO NOT direct wash water over the edge of the pier deck.
- DO NOT use water from a United Fishing Agency supply source to wash the pier deck.



Warning signs posted around pier

ONLY USE WATER FROM ONE OF THE EIGHT WATER HATCHES ON PIER 38 TO WASH DOWN THE PIER DECK





For more information, please visit DOT Harbors Division storm water management program at: http://hidot.hawaii.gov/harbors/library/storm-water-management/



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION

POLLUTION PREVENTION TIPS - FACT SHEET NO. 2

MOSQUITO CONTROL

Few animals on Earth evoke the antipathy that mosquitoes do. Beyond the itchy & irritating bites, they are carriers or vectors of numerous diseases (e.g., yellow fever, encephalitis, West Nile virus, dengue fever, Zika virus) and one of humanity's most deadly illnesses, malaria. Here are the 3 D's of protection from mosquitoes.

Drain

All mosquitoes require water in which to breed. Mosquito control begins with eliminating areas of standing water. For examples,

- Dispose of any tires.
- Clear roof gutters of debris.
- Clean pet water dishes regularly.
- Repair leaky outdoor faucets.
- · Avoid collecting water on pool covers.
- Check and empty children's toys.
- · Plug tree holes.
- Change the water in bird baths at least once a week.
- Drill holes in the bottom of recycling containers.
- Canoes and other boats should be turned over when stored on land.

Dress

Wear light colored, loose fitting clothing. When practical, wear long sleeves and pants.

Defend

Choose a mosquito repellent that has been registered by the EPA. These products have been reviewed, approved, and pose minimal risk to human safety when used according to label directions. Four repellents that are approved and recommended are:

- DEET (N,N-diethyl-meta-toluamide, active ingredient of OFF!®)
- Icaridin (picaridin, KBR 3023)
- Lemon encalyptus (para-methane-3,8-diol, or PMD)
- IR3535 (ethyl butylacetylaminopropionate)

Read the directions on the label carefully before applying. Avoid applying repellent to children's hands that are likely to contact their eyes or mouth.



 Neighbor Islands, contact your supervisor.

-2076 (24/7).

Report a suspected

illicit discharge

 Further inquiry, call Harbors Stormwater Hotline at (808) 587-1962.

References:

- National Geographic Society, Mosquito.
- The American Mosquito Control Association, Mosquito Prevention Fact Sheet.
- 3. National Pest Management Association, Mosquitoes.



*Mālama i ke kai -*Protect our harbor waters

For stormwater information, please visit HDOT Harbors stormwater management web site at

http://hidot.hawaii.gov/harbors/library/storm-water-management/



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION

POLLUTION PREVENTION TIPS - FACT SHEET NO. 1

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Pet waste can be a significant source of water pollution because it contains nutrients, pathogens, and bacteria. Improperly disposed of and neglected pet waste may be washed into storm drains by rain. High levels of pathogens and bacteria are the primary reason for beach closures in the State of Hawaii.

Always remember to pick up after your pet



- When walking your dog, always carry a pooper scooper or plastic bag to pick up pet waste. Place your hand in the plastic bag, pick up the waste, and then turn the bag inside out, seal and dispose of in a municipal trash bin, or empty the waste from the bag into the toilet and flush it down.
- For cat poop, it is recommended that the waste and litter be sealed in plastic bags and disposed of in the trash.

Greener litter choices



The most commonly used litter is made of clay, which needs to be mined from the earth. So try a greener litter, one made of recycled wood shavings or paper, and see if your cat will take to it.

When washing your pet



- Use non-toxic and biodegradable pet shampoos.
 Use a wash basin that drains to the sanitary sewer.
 If you must bathe your pet outside, wash your pet on the lawn instead of on a paved driveway.
- Follow instructions and clean up any spill.

For more information, please visit HDOT Harbors stormwater

management web site at http://hidot.hawaii.gov/harbors/library/storm-water-management/

Thank you from all the animals

Report a suspected illicit discharge

- Call Harbors Stormwater
 Hotline at (808) 587-1962
- Call Harbor Traffic
 Control Unit at (808) 587
 -2076 (24/7)

References:

- State of Hawaii, City and County of Honolulu Stormwater Pollution Prevention Tips Fact Sheet 5.
- 2. The New York State, Suffolk County Stormwater Management Program.
- 3. Natural Resources Defense Council.



Mālama i ke kai -Protect our harbor waters

Attachment 5a

Tenant Training - Training Notice Letter with BMP sheets and Questionnaire



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION 79 S. Nimitz Highway

79 S. Nimitz Highway HONOLULU, HAWAII 96813-4898 FORD N. FUCHIGAMI DIRECTOR

Deputy Directors
JADE T. BUTAY
ROSS M. HIGASHI
EDWIN H. SNIFFEN
DARRELL T. YOUNG

IN REPLY REFER TO: HAR-EE 7908.17

July 25, 2016

TO:

HARBORS DIVISION TENANTS

FROM:

DARRELL T. YOUNG

DEPUTY DIRECTOR - HARBORS

SUBJECT:

2016 STORMWATER AWARENESS TRAINING FOR HARBORS TENANTS

MĀLAMA I KE KAI (PROTECT OUR HARBOR WATERS)

We will be conducting our annual stormwater awareness training at the <u>Honolulu Harbor Pier 2</u> <u>Cruise Terminal</u> this year. <u>Two identical training sessions will be held on August 25 and September 15, 2016, both from 9:30 am to 11:30 am</u>. Please send at least one representative from your company to attend one or both of the training sessions. Check-in starts at about 9:00 am. Parking is available at the Pier 2 Cruise Terminal parking lot at no charge (see attached map).

Please note that attending this annual training is mandatory for all Harbors Division tenants on the Island of Oahu. Therefore, please sign in when you come to the training. You will be required to complete a survey at the end of the training to receive credit for your attendance. Tenants who fail to send a representative to one of the training sessions will see their facility risk-ranking increase. A higher risk ranking may subject your facility to more inspections or other administrative actions as may be warranted.

We will share information with all of our tenants about the present status of our Storm Water Management Program (SWMP) and any future potential changes. You may also schedule the tenant stormwater compliance inspection for your facility. Information on Harbors SWMP may be found at: http://hidot.hawaii.gov/harbors/library/storm-water-management/

This year, we will include a brief presentation by Ms. Anna Fernandez, Hawaii Department of Transportation (DOT), Office of Environmental Compliance, describing upcoming environmental compliance audits of Municipal Separate Storm Sewer System permits.

We have enclosed a questionnaire to assess your knowledge regarding stormwater awareness and pollution prevention. Please complete the questionnaire, and submit it at the training session or mail/email it back to us through one of the following methods:

- Email to <u>ying.j.zhang@hawaii.gov</u>
- Mail to Ms. Ying "Joy" Zhang at the following address:

State of Hawaii Department of Transportation, Harbors Division Engineering Branch, Environmental Section Hale Awa Ku Moku Building 79 South Nimitz Highway Honolulu, HI 96813-4898

If you have questions, please contact Mr. Randal Leong of our Engineering Branch Environmental Section at (808) 587-1962.

Enc.

"Mālama i ke kai" - Protect Our Harbor Waters



2016 HDOT Harbors Tenant Training Questionnaire



Name Date Date	Name:	Company:	Date:
----------------	-------	----------	-------

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.

Please provide your comments here:

2016 HDOT Harbors Division Tenant Stormwater Awareness Training Location Map



Date and Time: August 25 and September 15, 2015 (09:30 am to 11:30 am); Registration starts at 09:00 am. **Location:** Honolulu Harbor Pier 2 Cruise Terminal (Light refreshments and coffee will be provided.)



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION

POLLUTION PREVENTION TIPS - FACT SHEET NO. 1

PET CARE

Pet waste can be a significant source of water pollution because it contains nutrients, pathogens, and bacteria. Improperly disposed of and neglected pet waste may be washed into storm drains by rain. High levels of pathogens and bacteria are the primary reason for beach closures in the State of Hawaii.

Always remember to pick up after your pet



- When walking your dog, always carry a pooper scooper or plastic bag to pick up pet waste. Place your hand in the plastic bag, pick up the waste, and then turn the bag inside out, seal and dispose of in a municipal trash bin, or empty the waste from the bag into the toilet and flush it down.
- For cat poop, it is recommended that the waste and litter be sealed in plastic bags and disposed of in the trash.

Greener litter choices



The most commonly used litter is made of clay, which needs to be mined from the earth. So try a greener litter, one made of recycled wood shavings or paper, and see if your cat will take to it.

When washing your pet



- Use non-toxic and biodegradable pet shampoos.
 Use a wash basin that drains to the sanitary sewer.
 If you must bathe your pet outside, wash your pet on the lawn instead of on a paved driveway.
- Follow instructions and clean up any spill.

For more information, please visit HDOT Harbors stormwater

management web site at http://hidot.hawaii.gov/harbors/library/storm-water-management/

Thank you from all the animals

Report a suspected illicit discharge

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 Hotline at (808) 587-1962
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Mālama i ke kai -Protect our harbor waters



STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION

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MOSQUITO CONTROL

Few animals on Earth evoke the antipathy that mosquitoes do. Beyond the itchy & irritating bites, they are carriers or vectors of numerous diseases (e.g., yellow fever, encephalitis, West Nile virus, dengue fever, Zika virus) and one of humanity's most deadly illnesses, malaria. Here are the 3 D's of protection from mosquitoes.

Drain

All mosquitoes require water in which to breed. Mosquito control begins with eliminating areas of standing water. For examples,

- Dispose of any tires.
- Clear roof gutters of debris.
- Clean pet water dishes regularly.
- Repair leaky outdoor faucets.
- · Avoid collecting water on pool covers.
- Check and empty children's toys.
- · Plug tree holes.
- Change the water in bird baths at least once a week.
- Drill holes in the bottom of recycling containers.
- Canoes and other boats should be turned over when stored on land.

Dress

Wear light colored, loose fitting clothing. When practical, wear long sleeves and pants.

Defend

Choose a mosquito repellent that has been registered by the EPA. These products have been reviewed, approved, and pose minimal risk to human safety when used according to label directions. Four repellents that are approved and recommended are:

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Read the directions on the label carefully before applying. Avoid applying repellent to children's hands that are likely to contact their eyes or mouth.



 Neighbor Islands, contact your supervisor.

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*Mālama i ke kai -*Protect our harbor waters

For stormwater information, please visit HDOT Harbors stormwater management web site at

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Attachment 5b Tenant Training – Presentation Slides



Agenda

1. Welcome

Randal Leong, Section Head of Environmental Section

2. Opening Addresses

- Darrell Young, Deputy Director Harbors Division
- Anna Fernandez, Program Manager, DOT Env. Compliance

3. TEMY Award

4. Stormwater Awareness Training Presentation

- Nate Hunter, EnviroServices
- Kahi Pacarro, Sustainable Coastlines
- Spencer Yim & Steve Dale, Harbors AMS



Honorable Mention

Tenant Environmental Manager of the Year

Mr. Edward Au; Asphalt Hawaii

Mr. Frank Roznerski; Hawaii Stevedores, Inc

Mr. Marshall Joy; JEMS Enterprises, LLC

Ms. Keahi Birch; Matson Navigation Company, Inc

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

Mr. Welbert Barber; Nanakuli Neighborhood Housing Services, Inc.

Mr. Ralph Dewitt; P&R Water Taxi, Ltd.

Ms. Shanyn Kauihou; PENCO

Mr. Vincent Gallo; Pacific Shipyards International, LLC

Mr. Tor Harris; Sea Engineering, Inc.

Mr. Ross Barnes; University of Hawaii Marine Center



Runner Up

Tenant Environmental Manager of the Year



Ms. Jamie Feldhacker
Grace Pacific Corporation, LLC

Mr. Stephen Hinton Marisco, Ltd.

Ms. Zoe Williams
Hawai'i Gas

Mr. Nathan Kapule Young Brothers, Ltd.



2016 Tenant Environmental Manager of the Year

Congratulations!

Dane R. Wurlitzer Hawaiian Cement

Training Outline

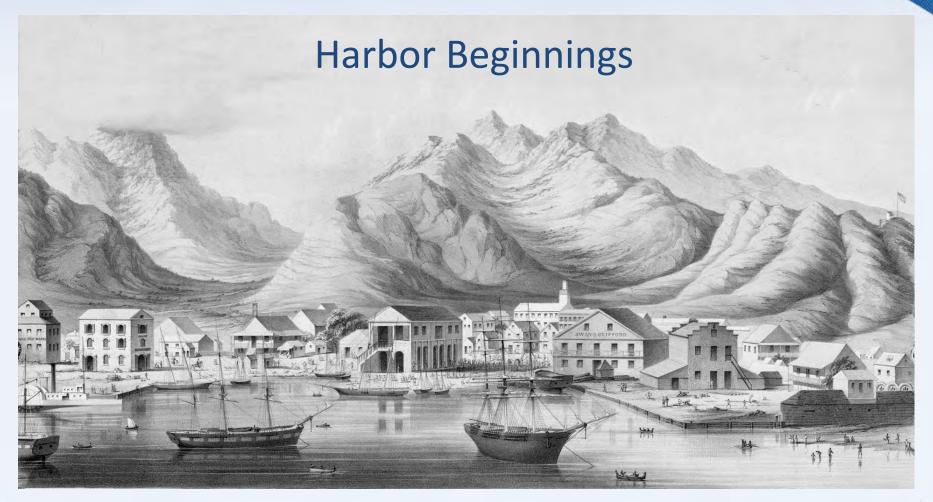
- 1. Harbors Background
- 2. Storm Drain System
- 3. Permits and Requirements
- 4. Tenant Inspections
- 5. Rules and Regulations
- 6. Good Housekeeping Practices

- BREAK -

- 7. Sustainable Coastlines
- 8. Illicit Discharge
- 9. Spill Response
- 10. Construction / Post-Construction
- 11. AMS/CityWorks® Spencer Yim & Steve Dale
- 12. Questions
- 13. Training Evaluation (*necessary to get credit for class)



1853



1920 - 1930



Aloha Tower
Welcomes Tourists



Today



11 Million Tons of Cargo 500,000 Cruise Ship Passengers



Environmental Goals



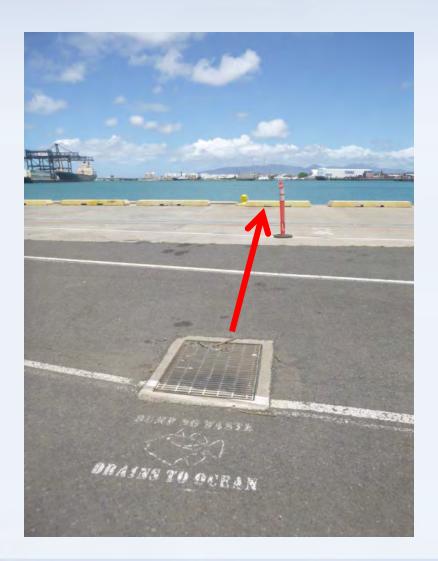
Clean Water

Healthy Fish

Sustainable Environment



Storm Drain System





Designed to carry
untreated stormwater
directly into the Harbor

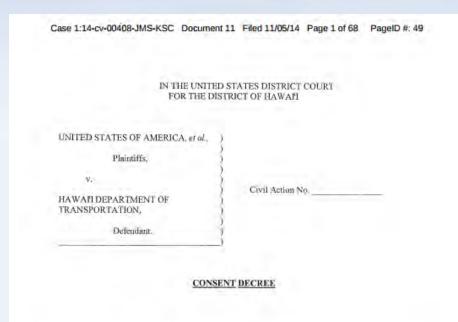
Prevention



How can we prevent this?



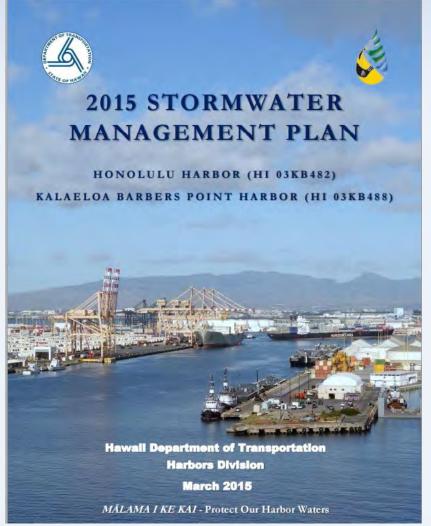
Consent Decree



- November 2014,
 Harbors Division entered into a Consent Decree with EPA/DOH
- Storm water compliance with:
 - Clean Water Act
 - National Pollutant
 Discharge Elimination
 System (NPDES) Permits
- Available on Harborswebsite

http://hidot.hawaii.gov/harbors/files/2013/01/Consent-Decree.pdf

Permits & Requirements



MS4 National Pollutant
Discharge Elimination
System (NPDES) Permits

Storm Water
Management Plan
(SWMP)

http://hidot.hawaii.gov/harbors/files/2013/01/Final-SWMP-150325.pdf



Tenant Inspection Manual

Final Harbors Tenant Inspection Manual



Let's Work Together!

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

August 2014

Version 9.0

PROTECT OUR OCEAN WATER - MÅLAMA I KE KAI

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

Harbors Inspections



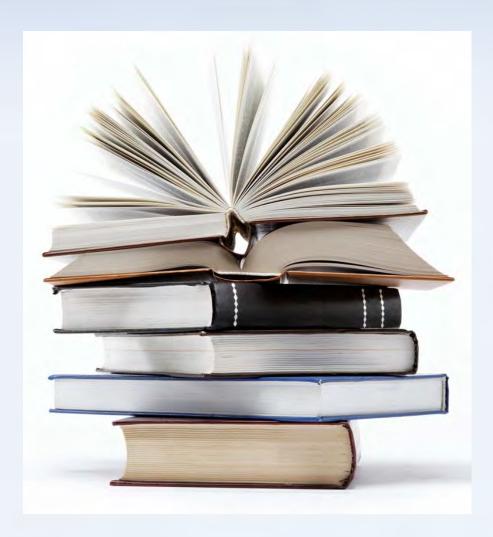
Be Prepared!

A great tool to identify:

- How to reduce pollutants
- **Share** information between Harbors personnel and tenants

See the registration table after the presentation to schedule an inspection.

Know the Regulations



- 1. Industrial NPDES
- 2. Vessel General Permit
- 3. Harbors Washing Approval
- Spill Prevention,
 Control, and Counter
 Measure (SPCC)
- 5. Tier II
- 6. Hazardous Waste



1. Industrial NPDES Permits

Provided by DOH and allows the discharge of stormwater associated with industrial activities, such as:

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

Conditions of the Permit:

- Storm Water Pollution Control Plan (SWPCP)
- Stormwater sampling





2. Vessel General Permit



Section 401 WQC Discharges from Non-Recreational Vessels

https://www.epa.gov/npdes/vessels

3. Harbors Washing Approval

- Include in submittal:
 - Washing SOP
 - What is being washed
 - Pressure sprayer flow rate
 - Vacuum rate
 - Schematic of containment and drains
 - Holding container capacity
 - Waste disposal plan
- Contact the Harbors Environmental Section to discuss further



4. SPCC Plan

Required if >1,320 gallons of petroleum are stored

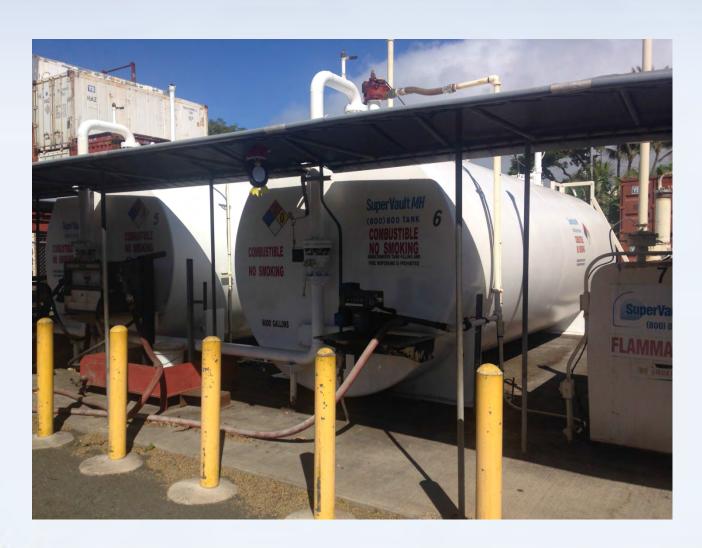
40 CFR 112



Make sure you have a SPCC Plan and FOLLOW IT!



5. Tier II Chemical Inventory



HRS 128E

10,000 lbs of a hazardous substance

Gasoline = 1,800 gallons

Diesel = 1,500 gallons



6. Hazardous Waste

HAR 11-260



Make sure you **label** and **store drums** correctly!



7. Universal Waste

Examples:

- Fluorescent lamps,
- Batteries, and
- Anything with mercury

HAR 11-273



Good Housekeeping











Hand Washing

Keep It Contained





Fueling



Remain Vigilant

Be Prepared





Maintenance

Conduct Maintenance Under Cover



Remember to practice good housekeeping around your facility.



Vehicle and Equipment Storage

Remember to use a **drip pan** under vehicles!





Material Storage



How should these drums be stored?



Drain Inlet Protection



Filter Fabric



Stenciling



Be aware of the storm drains on at your facility.



Correct Deficiencies



20 Days to Correct





What is the potential deficiency?



What good housekeeping practice can be implemented to avoid a deficiency?

Enforcement

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





Break



Sustainable Coastlines





For information, visit:

http://www.sustainablecoastlineshawaii.org/



Allowable Discharges

Permitted by DOH/EPA:

- 1. Daily Operations
 - Water line flushing
 - Air conditioning condensate
 - Landscape irrigation
 - Discharges from potable water sources and foundation drains
- 2. Groundwater
 - Rising groundwater (tidal intrusion)
 - Uncontaminated groundwater infiltration
 - Uncontaminated pumped groundwater
- 3. Natural Origin
 - Springs
- 4. Emergencies
 - Discharge from fire fighting activities







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







Uncontained materials over a trench drain and near pier's edge.



Debris from sand blasting





Be sure to regularly inspect your facility to identify and clean any oil stains.



Uncontained air conditioning condensate is NOT an illicit discharge.



Do not dump mop water into a storm drain





Be aware and dispose of gloves properly.



Soapy water is an illicit discharge



Remember to get Harbors approval to wash!



Spill Response



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



Spill Response



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



Spill Notifications

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



Construction / Post-Construction













HDOT Harbors CITYWORKS® AMS DEMONSTRATION for 2016 TENANT TRAINING

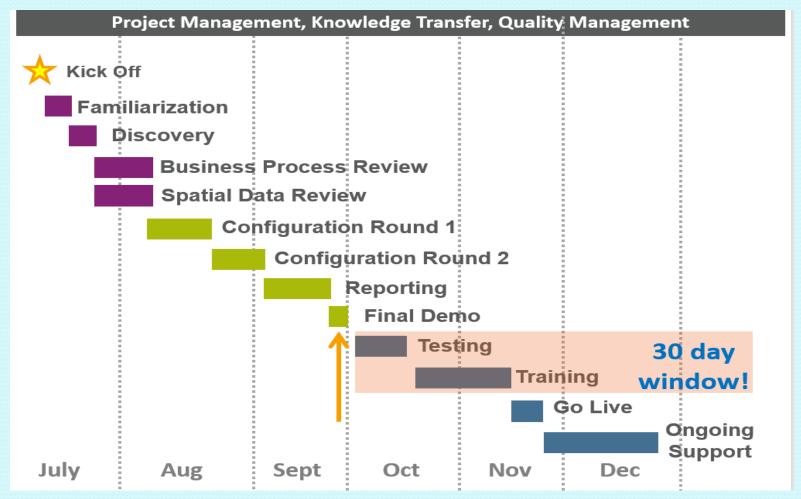
August 25TH & September 15TH, 2016

Mālama I Ke Kai! - Protect Our Harbor Waters!



Cityworks® Development Chronology (2015)





Mālama I Ke Kai! - Protect Our Harbor Waters!



Cityworks Asset Management System (AMS)



- WSCA contract awarded to SHI-Azteca-Woolpert team in June 2015 .
- COTS software selected: Azteca Cityworks Computerized AMS.
- GIS-centric; only requires Internet access.



- July Nov. 2015: Woolpert designed, configured, tested, demonstrated, trained & deployed Cityworks AMS for our stormwater program at Honolulu Harbor & KBPH.
- Custom designed to satisfy 2014 CD requirements, 2015 SWMP & our SSS O&M Plan.
- Trained 3 Administrators & 5 Trainers in HAR-E for continued on-site support.
- System went 'live' on Nov. 16, 2015.
- Live demonstration by Steve Dale.





Mālama I Ke Kai! - Protect Our Harbor Waters!

Questions

Harbors Stormwater Website:

http://hidot.hawaii.gov/harbors/library/storm-water-management/

- Harbors Division Environmental Contacts:
 - Reporting Hotline (Harbor Traffic Control): 587-2076
 - Randal Leong, P.E.: 587-1962, randal.leong@hawaii.gov
 - Joy Zhang, P.E.: 587-1960, ying.j.zhang@hawaii.gov
 - Spencer Yim, P.E., 587-1963 Spencer.K.Yim@hawaii.gov
 - Michele Freitas: 587-1976, michele.gn.freitas@hawaii.gov
- Harbors Division Property Management Contacts:
 - Carl Young, 587-1945, carl.g.young@hawaii.gov
 - Patti Miyashiro, 587-1942, patti.e.miyashiro@hawaii.gov



Training Questionnaire Review

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on a. paved roads.
 - Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True
 - **False**
- 3. Which of the following are permitted to be discharged into the storm drain?
 - Unpolluted AC condensate water.
 - Gasoline, diesel, used oil, and paints.
 - Rainwater
 - a and c.

b.

- 4. What is the definition of an illicit discharge?
 - An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - Use of a stolen credit card.
 - An indecent cargo movement.

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



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True
 - False
- 7. Which of the following are good examples of BMPs?
 - Pick up litter on the ground a.
 - Promptly responding to a spill b.
 - Using a drip pan for a leaking vehicle c. until maintenance can be completed
 - All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain. using a water hose.

True. False.

- 9. If construction activities are planned for a tenant space at Honolulu Harbor or Kalaeloa Harbor, what is required?
 - Tenant must obtain consent from **HDOT** Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the С. requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - False.



 Please return your questionnaire and training evaluation form before you leave.





Attachment 5c Tenant Training – Sign-In Sheets





No.	Name	Company	E-mail Address	Phone #	Initiala
1	Rachel Agrell	Environmental Resolutes Mgwt (ERM)		521 4H04	PA
2	CHAD FAIWIKUMO	HAWAI GAS	cheed. Kaiwi Leauns Carrodis.w		
3	A.K. COLBURN	HAWAI GAS	acolbumahawaijasan	351,9720	All
		Ke Stein Ke Bros.	NA.	478-9777	as
5	NESSON ABOUTE	Young Brother Ital press 392 to	helson when illa & central tought as		170
6	Nathan Kapule	Young Brother Ital	nkapule Ohtbylo.com	5439398	
7	Mat Buckma	n Hawaijan (at	Buckmansboatyand & yaho	i I	
8	John P. Ovr	Heary Tibbitt	Lorra heary titobitts.com	808-864-4162	1
9	Ballesteros Chris			908 342-0451°	· .
10	Kimo Bajer	,	Kbayete hawaiistevedores . Com		KO
11	0-61 (65	Kirby offshore marine			
12	Kroki Sprin	American dlavive Corps			COS
13	GUY FUITA	MAWRIAN COMON	GUY. FUSITA & AGNORIAN COMENT. C		47
14					
15					





No.	Name	Company	E-mail Address	Phone #	Initials
1	Mata Kolana	11756-	M Valana P MATSN. Com	479-465)	mk
2	Wade Mataveda	Star of Hondulu	wmatsveda estar of honder con	282-6512	pal
3	William Silvat.	Har of Honolulu		781-9438	2
4	WEPHI OHAI	DORANIE LIBRA	rephia hange but al not		
5	Fyle thrane	Jas. W. Glove Ltd	Kyleh & glove It. com	591-8977	ku
6	DAH MASYMOTO	HEALY TIBBITTS BUILDING	DKMASIMOZOCHEANTIBBIT-15.com	487-3664	tra
7	BERT BARBER	HEALY TIBBITTS BUILDONS BASEYART, HALVA!! NAKAKULI HOUSING CORP.		542-0770	ex
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14	Raymond Rodorgue	. VAK Fisheries Lic	SUPPERTO VALFISHERIES, CO	m 843-2279	The
15	Marshed Fry	HAWKERN Ter Co	1125 N. Nimitz Polas	538-6918	mg





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1	Alberto Rodonan			808-729-102	Initials
2	Puston Onaga	Sausc Bros Amazan Constr. Co. Inc.	51/qcrz Byahoo.com donegaehauriantel.net	841-6595	
3	JON SUZZIVAN	B21	jsullivana beihavain, com		1.
4	faa/Desca/80	AES Kaloeloa	Poul. Des Calso Caes. Com	082-2332	KD
5	Mr Leska	AES Kafaelon	John. Kente @ aes. com	551-1504	1.
6	Mugdha Flores	Sustainable Coastline Hawaii		22. 21. 21. 2	ILF.
7	ERIC LEONG	MAR-PM	cric. leong @ hawaii.gov	587-1943	EZ
8	DAVIO GNIPATU	AMERICAN MANNE COUP.	dwgriffitheamarineconpa		nea
9	DUSTIN SHARP	MATSON NAVIGATION	dsharp@natson.com	492-6885	Des
10	Daniel Otar	Unted Fishing Agan	24,051e aol.com	536 2146	J2
11	Nathan Suly	Concrete Goring/Reinhall	Baba Neabey O Renhall . com	330-1516	M
12	Jenuk Roaxest	HAWKII Stevenours PASIA	FROZUERSKIE HANNIN SENERARS. COM	808-864-4638	Su
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1	Gruy Hicks	STAK OF Honolds		70116	1
2	Y.K. Nutara	NORK. MARULE	About TO NERKOMARIA	56-456	the
3	Jodie Cordero	Grace Pacific	joordero @ gracepacitic com	1	de
4	KANDA PARKER	MATSON	Kparker @ matson. com		KAP
5	Ross BARNES	V. H. Marine Center	Doma Soest. Lawou edu	840122	Rb
6	Jermaine Rabago	Travel Plaza Transportation	Jrabago@ +p+ nawaii. com	783-5568	JK
7	STEXE HEARTEN	MARISCO	shocken @ markie. net	306-5935	GA
8	Paul S. Elkeforna	ConcrekCoring	Plaketawa@ ponha//. com	216-2820	1
9	RONYLYNN LAM	ENIL PHILDERS	ronylan@hanaijantel. net	312-8844	H.
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No.	Name	Company	E-mail Address	Phone #	Initials
1	Brandie Hurkos	Sea Engineering, Inc.	bmarkos@seaengineenng Con		BH
2	Brandon Rodriguez	Sause Bros.	brandon: 93 @yahoo. com	1	BR
3	LINDAGOLDSTEI	N HC\$D	linda.goldstein@hodhawaii.e	ř.	ON
4	DISEAH SHACAT	Grace Pacific	JSHACAT @ GRACE PACIFIC.COM	203-2804	JA
5	Figure Gillis	Excavation Sonices	Kgillis Dhowaii. rr. com	283-1959	E. G.
6	FRAUL White	Container Storage	FRANK Ofphhite. Com	`	m
7	Shanna Nakauhi	JTB HAWAII TPT	Snakachi@JTB Hawaii.com		8n_
8	Floyd Ofani	United Fishing agency	f. Otania united Sishing coping		3
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1	Yeur Jing	0 ASIG / HFFE	on fil	630-057	
2	PAUL FUXUNDO	A PF MARINE	PF MARINE @ AOLICO		
3	RoyaldChan	Honoley Merathon	Johan Chonelala merathon or	1	1'
4	RAEMiyasaki	JFC International In	o rmiggalace jfectom	537-9528	Lu
5	Jim Games	HAWAina Clevent	im Gomes@how Ainsceneer Con		Cef
6	SCOTT SEVADJIAN	GRACE PACIFIC	SSEVADJIAN@GRACESAGFIC.Com	203-2814	5/5
7	CARL YOUNG	HAR-PM	younge \$35@hours in com	687,1945	2/
8	Ryan Rico	Oceantronics		808] 670-9408	R.R.
9	Sara Daniels	GLP Asphalt	sdaniels @asphalthawaii.com	808 561-4121	SIB
10	NAL KONEMOTO	PUP / NICO'S	neil a pap- hawain con	540-1310	M
11	Guy GALDORA	HAR-OEM		587-2655	GakG
12	GAMA Spitu	unity Recovery		256 7266	
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1	Ross Dolfo	Hausiian Cement	ross. dollo @ haveria Cerat. Con		RO,
2	DANK WYRLITERA	HAWANIAN CEMENT		532-3407	a
3	DANIEL SONO Conini	Howarian Conert	dan. Sonognini e hawaiian Como	864-0175 nt, cort	28
4	Toe Vele	Detx Atonolulu	Joe.vele@dhx.com	590-3208	2
5	Carlos Puga	Travel plaza Transportation	n CPuga TPT Hawaii com	554-6961	(A)
6 -	Jessie Halaviz Robnel Tamanog	Petrospect	CPS @ Petrospect. Net	536-663	9
		AARA SHIP SORVICE	stink daggie 20 yahro com	478-8732	KP
8	Kauskin	Atuants subtents	my /		-
9	JOE KIM	BEI Housil	JRIM @BETHAWAIL. COM	532-7477	80
10	Toll Miyohaa	GLP Asphalt	TMiyahava a asphalt Hawaii La	n 754-2167	TEI
	Theresa Alaugha	Norman's Tractor Service	nts96819 @ hotmail.com	178-0344	\$
12	Jim HELMANN	Wind & SEA CHARTERS	JMh@ LAVA. NET	220.7675	24
	Jon Satre	AML Por 29	Jsatre @ Lynden. Com	748-7890	85
	John Fackjell	Matson	Jackrell@ matson.com	342-0099	チ
15	Kristin 4m	Hancina Agua Products	Kris @ foolin and sons.com	841-2957	KAR



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HDOT Harbors Division Annual Tenants Stormwater Awareness Training Sign-In Sheet - September 15, 2016



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1	EXIC L. VANCE	DHX	ERIC. VANCE Q DHX. COM	745-0023	ev
2	Chadesey Priett	Penco	Chodosey@Penco.org	799-3395	Cr.
3	JOSEPH, MANJANONI	MATSON. NAV		462-6030 (Dar
4	Emily Odell	Paufic Shipyards Int.	eodel @puifishipyards.com	\$8 780 0585	60
5	MEY TOLKE	TRAVER PLUZA TRAMS		8084768276	my
6	Steven Go	Niu Nursem	sidguo@ MSN, com	225-3662	89.
7	Donald Froning	Friends of Falls of Clyde	stmrdon@yahoo, con	284-2640	DO
8	Dane Martin	Matson	dmartin Omatson. Com	286-7074	Da
9	Michael Van	Hi-Seas Hawii frohny	Kevih van 2008 Qquail.com	351-0488	M.V.
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1	STEVEN DAVIS	DEST & THE ATTHER CLEAR	STEWEN S. PAULS & HAWAY. COU		8
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Attachment 5d

Tenant Training – Tenant Environmental Manager of the Year (TEMY) Awards

Honorable Mention Tenant Environmental Manager of the Year

Mr. Edward Au; Asphalt Hawaii

Mr. Frank Roznerski; Hawaii Stevedores, Inc

Mr. Marshall Joy; JEMS Enterprises, LLC

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

Mr. Welbert Barber; Nanakuli Neighborhood Housing Services, Inc.

Mr. Ralph Dewitt; P&R Water Taxi, Ltd.

Ms. Shanyn Kauihou; PENCO

Mr. Vincent Gallo; Pacific Shipyards International, LLC

Mr. Tor Harris; Sea Engineering, Inc.

Mr. Ross Barnes; University of Hawaii Marine Center

Runner Up

Tenant Environmental Manager of the Year



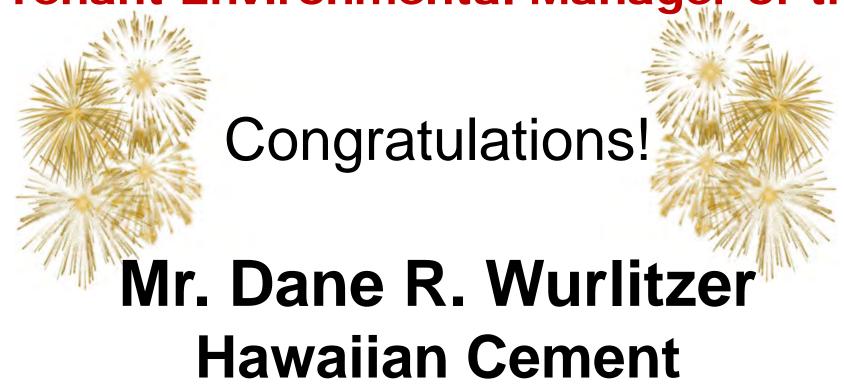
Mr. Stephen Hinton Marisco, Ltd.

Ms. Keahi Birch
Matson Navigation Company, Inc.

Ms. Zoe Williams
Hawai'i Gas

Mr. Nathan Kapule Young Brothers, Ltd.

Winner 2016 Tenant Environmental Manager of the Year



Attachment 5e

Tenant Training – Training Feedback Summary and Completed Surveys

What topic(s) would you like to have more information on next training?

- IDPP
- Storm water mapping, toxic substances in ocean debris
- vessel general permits
- How often are inspections
- Harbors storm water mapping system
- Nothing real informative
- Soil reporting & response
- Storm drain debris despensing
- Same
- Specific BMP
- All areas covered adequately
- All pertinant content was introduced
- More examples from actual tenants on preventative maintenance
- How to think like an inspector
- How to dispose of contaminants once they are captured
- Implementation on improvements. What is being done to address issues
- Most common problems found
- Adopt a Harbor, Storm water permits
- I believe the content is good where it is
- N/A, overall good info.
- Who maintains drains
- Storm drain spills and debris
- same
- This was sufficiently comprehensive
- Areas where the storm drains enter into the harbor
- Expected changed with compliance any noted trends between tenants?
- How to create a culture of environmentalism at work
- Same
- very concise and complete, availability to expand
- All topics very well done!
- What would someone do if there was a small spillage in the water

DOT Harbors works hard to continually improve these trainings. What can be changed, deleted, or added to the presentation material in the future?

- Can Harbors share the information collected during storm drain mapping?
- air conditioning
- like the bags
- Great information don't need to change
- Fix AC
- more detail in clean outs of storm drains
- AC
- None, keep up the good work
- AC would be nice, other than that good job
- Add handouts, website addresses...
- More interaction, less lecturing

- Cooler room, too hot and uncomfortable
- List of contacts at end of training (updates). AC CLASSROOM
- The presentation was very self explanatory
- AC cooler room
- AC please
- More interactive material. Fans?
- good job, same
- colder room, too hot, shorter meetings
- cooler venue
- It was great, information wise. Continue the great job.

Provide any comments on the delivery of the training (i.e., eye contact with audience, enthusiasm, spoke clearly, volume of voice, posture, timing, etc.)

- All times pictures were difficult to see/recognize
- Screen wall is too low
- Everything was good
- all good
- speakers were effective
- speakers did a good job
- could be more clearly spoken
- Delivery was clear & with good volume
- Need an AC space for this 2 hour session
- Good use of AV equipment
- enthusiasm and volume of voice were underlined
- All good
- Very good
- Great presentation. Very well prepared and articulated
- good but hot
- OK
- all presenters were very good
- very good
- Great speakers, nice use of video to illustrate the complex problem (bring in context)
- Great speakers, perhaps more interactive activities, the video was great!;)
- awesome
- the speakers were good
- Perfect

Additional Comments:

- overall good info
- great presentation
- Facility AC or electric fans would be welcomed
- 98% n/a to my small operation but still informative
- AC
- Turn AC up
- See you girls next year
- Good speakers, well acknowledged
- Better room temperature, too hot.
- Thank you for the emphasis on comfort

- Great presentation on AMS and city works
- Great presentation excited for cityworks
- needs ac

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most			
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall			
	training course:			
	Vira Educational & Well Dresoned			
	Scene like - Every year there are more into.			
	Seems like - Every year there are more into.			
2.	What were the strong points of the training course that we should keep & improve upon			
	for next year?			
	Preparet Strong parts - Very useful intermeter, well pressured			
	Preparet Strong pails - Very useful intermeter, well prepared NONC - Inspormy -			
3.	What were the weak points of the training course that we should improve upon next year?			
	Now Rose 100000			
4.	How effective were the Trainer, the Power Point slides & the video in conveying the			
	Harbors Storm Water Management Program information & requirements to the tenant			
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &			
	0 = Not Effective at all Provide additional comments if you like.			
_				
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training			
	course in terms of conditions conducive to the tenant audience such as comfort (air			
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking			
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =			
	Extremely poor overall comfort and convenience. 3/4. Please provide			
	additional comments to elaborate on your ranking & how we can improve next year.			
Mahalo	o for providing us with your training feedback. See you next year!			
NT.	(1) in 1/2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2			
	Clint Kagami ; Date 9/25/16 my: Kugami inc			
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1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? ONTINUE WY UPGRADES
3.	What were the weak points of the training course that we should improve upon next year?
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5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year. NEED MORE PARKING CLOSE TO BLOG.
Mahalo	o for providing us with your training feedback. See you next year!
Name:	BERT BARBER ; Date 8/25/16
Compa	BERT BARBER ; Date 8/25/16 ny: BASEYARD HAWAU / NANAKULI HOUSING CORP

1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? Bow to keep enorment chem
3.	What were the weak points of the training course that we should improve upon next year
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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Mahal	o for providing us with your training feedback. See you next year!
Name:	any: Concrete Coving Dephall ; Date 8.25.16

	What were the strong points of the training course that we should keep & improve u for next year? Beach clean ups
	What were the weak points of the training course that we should improve upon next
•	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tena audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 10 = Not Effective at all. Provide additional comments if you like.

2.	What were the strong points of the training course that we should keep & improve upon for next year?
	GOOD INFO. tO HEAR ABOUT. BEACH CLEAN UPT WERE GOOD TO HEAR ABOUT.
3.	What were the weak points of the training course that we should improve upon next year? TRAINING WAS KIND OF SLOW PACED IT SEEMED.
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
l.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all

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	0 = Not Effective at all. Provide additional comments if you like.
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j.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
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j.	Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this trainin course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Rank scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Provide additional comments if you like. Please provide additional comments if you like.
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1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
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	additional comments to elaborate on your ranking & how we can improve next year. Ar Cendulumy Cerld be Coolen
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	o for providing us with your training feedback. See you next year!
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Compa	any: 151AK OF Bendulu

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3. What were the weak points of the training course that we should improve upon next year?
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5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Show we can improve next year. Fig. 4 freess
Mahalo for providing us with your training feedback. See you next year!
Name: Reph Dehity; Date 5/25/16 Company: PhR water TATI

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
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	is still on track
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	Emphasis on BMPs, Minimire unusefull tement into ie. ct. works program if it terments cannot acress,
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	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
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5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
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	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
Mahal	o for providing us with your training feedback. See you next year!
Name:	Woode Matsweds : Date 25 Aug cont
Compa	
-	(Acrodise Crize CHL)
	"Mālama i ke kai" - Protect Our Harbor Waters

	What were the strong points of the training course that we should keep & improve u
	for next year? Clean up plagtic on Shoreline
•	What were the weak points of the training course that we should improve upon next More great Speakers & ETC.
•	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenan audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effectiveness of the end

2.	What were the strong points of the training course that we should keep & improve up for next year? SEACH Utanup
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4.	Harbors Storm Water Management Program information & requirements to the tenan
	Harbors Storm Water Management Program information & requirements to the tenan audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effe

2.	What were the strong points of the training course that we should keep & improve upon for next year? explained rules and regulations
3.	What were the weak points of the training course that we should improve upon next year heed to talk more about procedures on spillage
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.

	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & $0 = \text{Not Beneficial at all.}$ Additional comments on the overall
	training course:
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2.	What were the strong points of the training course that we should keep & improve upon
	Place feets State WOYK order poortion.
3.	What were the weak points of the training course that we should improve upon next year?
I a	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
-	De Not Effective at all. A Provide additional comments if you like. Out you make It so its usier to see? It a little small.
c c s F	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience Please provide additional comments to elaborate on your ranking & how we can improve next year.
Mahalo	for providing us with your training feedback. See you next year!
	y:

1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all Additional comments on the overall
	training course:
2.	What were the strong points of the training course that we should keep & improve upon
2.	for next year? Bollar cach year
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience Please provide additional comments to elaborate on your ranking & how we can improve next year.
Mahal	o for providing us with your training feedback. See you next year!
Name:	; Date 8-25-16
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2.	What were the strong points of the training course that we should keep & improve upofor next year? Each Speara, liked and Should Keep.
	Caest Speaker, med um zvena pregot
3.	What were the weak points of the training course that we should improve upon next y westings there speaken, Report Questions, and then give anower
	•
4.	
4.	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective
	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? CITIMORIES PRESENTATION WAS INTERESTING. All quest. Speakers were great.
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience Please provide additional comments to elaborate on your ranking & how we can improve next year.
Mahal	o for providing us with your training feedback. See you next year!
	STEVE HINTON ; Date 3/25/16 any: Marisco

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? Starm Drain info
3.	What were the weak points of the training course that we should improve upon next year? Training met my expectations
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience
	o for providing us with your training feedback. See you next year!
Name: Compa	Kimo Bajet ; Date 8/25/16 any: Hawaii Stovedoros

	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon
	for next year? The Bopel Clemen Non-polit was great
3.	What were the weak points of the training course that we should improve upon next year the new System was not presented well.
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience
ahal	o for providing us with your training feedback. See you next year!

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	training course:
	very informative
2.	What were the strong points of the training course that we should keep & improve upon
	for next year? Great info, on enforcement
3.	What were the weak points of the training course that we should improve upon next year A life cleaver explain of the City works
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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Mahal	o for providing us with your training feedback. See you next year!
Name:	Leoki Spain ; Date 3/25/15
Compa	Leski Spain ; Date \$/25/15 any: American Marine Corp.

What were the strong points of the training course that we should keep & improve upon for next year? Sistantiable loss thines very inspired.
What were the weak points of the training course that we should improve upon next year fulfor system inalequal for city works present than,
How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like.
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	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? Most points & were good.
3.	What were the weak points of the training course that we should improve upon next year? Some Speakers need to Speak up and with More Puthusiesum.
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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Mahal	for providing up with your training for the 1- Comment of the 1- C
	Figure Cillis; Date 8/25/16 Excavation Services

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
5	training course: - Very Berificial
2.	What were the strong points of the training course that we should keep & improve upon for next year? It envereel must what we need to know
3.	What were the weak points of the training course that we should improve upon next year? Stever foint of Vew ~
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like.
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Mahalo	o for providing us with your training feedback. See you next year!
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Compa	ny:linity Recovery

What were the strong points of the training course that we should keep & improve up for next year?
MOVIES: Could see Polyting.
What were the weak points of the training course that we should improve upon next
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Harbors Storm Water Management Program information & requirements to the tenar audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like.
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Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranks scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =

2.	What were the strong points of the training course that we should keep & improve upon for next year? SUSSTAN ASIE COASTURES PRESENTATION
3.	What were the weak points of the training course that we should improve upon next year?
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4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
	Please provide an overall ranking of the Pier 2 Terminal facility used for this training

	What were the strong points of the training course that we should keep & improve upon
	for next year?
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3.	What were the weak points of the training course that we should improve upon next year - Rear the More Appendix has the property of the training course that we should improve upon next year that y
١.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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2.	What were the strong points of the training course that we should keep & improve upon for next year?
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? KEEP HOMOSOLNO ON THE BASICS
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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\rightarrow	o for providing us with your training feedback. See you next year!
Name: Compa	NEW KOMEMO TO ; Date 8/25/16 any: POP / NICO'S
or	"Mālama i ke kai" - Protect Our Harbor Waters STOIF ASSIGNED OS "PORKING ATTENDANT"

2.	What were the strong points of the training course that we should keep & improve upon for next year? Pour point + Speakers
3.	What were the weak points of the training course that we should improve upon next year
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Power Point Sullivia.

1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all Additional comments on the overall
	training course:
	Good info
2.	What were the strong points of the training course that we should keep & improve upon
	for next year?
	Re-enforced Awareness of Environmental
	Kagolalians
3.	What were the weak points of the training course that we should improve upon next year?
	None
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide additional comments to elaborate on your ranking & how we can improve next year.
	additional comments to claborate on your ranking & now we can improve next year.
Mahal	o for providing us with your training feedback. See you next year!
Name:	CORDER FOUNDES
Compa	any: HAWAII PEROUZER GRAVA
-	GORDON FOUNTE ; Date 8/25/16 any: Hawaii Resource group Honolulu Marine
	"Mālama i ke kai" - Protect Our Harbor Waters

	What were the strong points of the training course that we should keep & improve u
	for next year?
	- won- punnin truis in species plequess.
•	What were the weak points of the training course that we should improve upon next
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	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenar
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most E
	0 = Not Effective at all. Provide additional comments if you like.
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	course in terms of conditions conducive to the tenant audience such as comfort (air
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1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon
	for next year? Enjoyed the non-profit presentation. It broke up the Horbors presentation. Dot thathors presentation was good closed
3.	What were the weak points of the training course that we should improve upon next year affects, it was not to see, but don't think we needed that much defail
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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14-1-1	Chars uncomfortable Not a lot of parking stalk
	for providing us with your training feedback. See you next year!

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all Additional comments on the overall
	training course:
	good to do annual paining
	· V
0	YVII
2.	of the second second we have the second map of the second
	for next year? Best Management Practices Up to date & current information
	up to date & current information
3.	What were the weak points of the training course that we should improve upon next year?
	'
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
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	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
	Don't change current prost.
Mahal	o for providing us with your training feedback. See you next year!
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Name:	Konce ld Chang ; Date 8/25/16
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1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where $5 = Most$ Beneficial & $0 = Not$ Beneficial at all. 2.5 Additional comments on the overall
	training course: ALL MATBUOL NOT CAPIMINH THE AVOIDUCE, POR MATBURE
2.	What were the strong points of the training course that we should keep & improve upon for next year? THE EFFECTS ON BANDWINGHT
3.	What were the weak points of the training course that we should improve upon next year? LACK OF PROP MATOURL ADDRESSME MAPPING, POOR VISIBIE SCREET HAND TO MAKE OUT WOLLS, SOME SPERKERS MOT USMA MC PROPONY HAND TO HOM. SOME SPERKERS MOT MAKE GOD
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Some Sime Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. 3.5 . Please provide additional comments to elaborate on your ranking & how we can improve next year. VIDEO 2 USE OF MC MOT BBST SET UP
	o for providing us with your training feedback. See you next year!
Name:	THE STATE OF THE S

2.	What were the strong points of the training course that we should keep & improve up for next year? ILUCIT DISCHARGE
3.	What were the weak points of the training course that we should improve upon next a MONE
1.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenan audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like.
í.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year?
	duesnt Apply tous
3.	What were the weak points of the training course that we should improve upon next year? Refer food - Need Something Of he? Han Mater & Coffee
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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Mahal	o for providing us with your training feedback. See you next year!
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	Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? VICO4 OF DEBRIA & DAMAGE TA GNULADWINEST
3.	What were the weak points of the training course that we should improve upon next year REGULATION FORMY
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & $0 = \text{Not Beneficial at all.}$ Additional comments on the overall
	training course:
	Too high level / intro. We already know this stroff
2.	for next year?
	Examples of illicit discharge, lomps
3.	What were the weak points of the training course that we should improve upon next year? That City works website. Not well prepared & not avail to us, so why bother
	not avail to US, so why bother
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Good info, just dry & will packed.
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٥.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
	The parking while greatly appreciated, was
	a bit confissing.
Mahal	o for providing us with your training feedback. See you next year!
Name:	CHAD FAIWINGAMOS; Date 25 AUGIL
Compa	any: Arradis

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all Additional comments on the overall
	training course:
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	THE PARTY OF THE P
2.	What were the strong points of the twining and the training and the traini
۷.	What were the strong points of the training course that we should keep & improve upon for next year?
	INTERMED DECOCAPTION & AUTORS IS A SPORTING
	MOTIVATOR NOTED THIS YEAR MORE INDIVIDUALS WYRE
3.	What were the weak points of the training course that we should improve upon next year?
	ZEDUNDANY ID MATERIAL MAYBE UPDAKE PHOTOS
	RECOGNITION WHILE IS GOOD
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. 4 Provide additional comments if you like.
	O = Not Effective at all. 4 Provide additional comments if you like. NOTE THAT PHOTOS; DPT WAS DAME AS SELE. HOWAND IT STOPPED TO THE CANCER MAID COMPONATOR
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
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	additional comments to elaborate on your ranking & how we can improve next year.
Mahalo	o for providing us with your training feedback. See you next year!
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1. Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
training course: the added topics on Sustainable Coastline fl and City work adds Sknifcant benefit to my confidence that 100
2. What were the strong points of the training course that we should keep & improve upon
Oup dates on the Success of City Works Difficults on Sustainable Coastine HI
3. What were the weak points of the training course that we should improve upon next year? Sustainable Coast true HI Volume of Victor weakly to be louder-
4. How effective were the Trainer, the Power Point slides & the video in conveying the
Harbors Storm Water Management Program information & requirements to the tenant
audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. With time positioned Over all
St. F. F.
5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air
conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year.
Much better than best year
Mahalo for providing us with your training feedback. See you next year!
Name: Nathan Kapulo ; Date Aug 25, 2016 Company: Young Brothers Ltd
"Mālama i ke kai" - Protect Our Harbor Waters

	training course:
2.	What were the strong points of the training course that we should keep & improve upon
	for next year? More details on starn water requirements and less time
	on other topics
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Sood slideshows - Trainer Nate could use more practice - no offense! Just could use more polish and engage audience a 5th no
	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
5.	course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. By 4 Please provide additional comments to elaborate on your ranking & how we can improve next year. All good but a by warm - need more HC

	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year?
3.	What were the weak points of the training course that we should improve upon next year? City works presented too induct Most was inclosed to us?
1	How effective were the Trainer the Device Delict 1:11 0 11 1:11
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience Please provide
5.	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience Please provide

1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? Pictures, examples showing acceptable (illicit discharge)
3.	What were the weak points of the training course that we should improve upon next year? It city works is only in take, long presontation not received for tenant
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience
Mahalo	o for providing us with your training feedback. See you next year!
Name:	11 211 0 0 1
Compa	my: _ mited 17 Shiny ageing

2.	What were the strong points of the training course that we should keep & improve upon for next year?
3.	What were the weak points of the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that we should improve upon next year 100 Ham world to the training course that the training course the training course that the training course th
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year.
ne:	for providing us with your training feedback. See you next year! Jenn Jenn ; Date f.75.//

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	yes was beneficial.
	yes was perfer to tax.
_	
2.	What were the strong points of the training course that we should keep & improve upon
	for next year?
	Beach clean up information
3.	The property of the property o
	City Works is a nice program but presentation was
	boring.
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
	City Works presentation needs work
5	Plance provide on executive of the Pin 2 To 11 t
٥.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
	All was good
	MI was good
Mahai	o for providing us with your training feedback. See you next year!
	0 2 -/ / .
Name	POSS BARNES; Date 8/25/16 any: U.H. Marine Center
Comp	any: U.H. Marke Center

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all Additional comments on the overall
	training course:
	The annual training is a great way to stay
	updated on the latest plans & areas
	of cmceru.
2.	What were the strong points of the training course that we should keep & improve upon
	for next year?
	Examples of what is # is not acceptable
	practice.
3.	What were the weak points of the training course that we should improve upon next year?
	City works is an interesting program but as
	We can't access/use it we don't need
	a detailed presentation, spincer Yim's overview
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
	At little difficult to see with the lights m,
	Ispecially small details,
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
	Convenient location & free parking & refreshments are
	appreciated, lights made slides harder to see.
Mahal	o for providing us with your training feedback. See you next year! ok!
	Linda Goldstein ; Date 8/25/2016
Name:	Unda Goldstein ; Date 8/26/2016
Compa	my: HC&D

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & $0 = \text{Not Beneficial at all.}$ Additional comments on the overall
	training course:
	very useful;
	very useful;
	What were the strong points of the training course that we should keep & improve upon for next year?
	Sustainable Coastlines presentation was a good
	Sustainable Coust lines presentation was a good message on why we should can I comply
3	What were the week points of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers that we should be a second of the training covers the training covers the training covers that we should be a second of the training covers the training covers the training covers that we should be a second of the training covers the training cove
ílat	What were the weak points of the training course that we should improve upon next year?
70 5.1	c-Alittle slower speech; god projection.
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. 3.5 Provide additional comments if you like.
	Provide and lives on reporting will hill 1
	hole t in me list actions to the
	what immediate actions to the especially for
5.	Provide guidelines on reporting spills. Who to cell; what immediate actions to take especially for larger spills. GIS portion and but difficult to see CotyWorks Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
	·
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience. ————————————————————————————————————
;	additional comments to elaborate on your ranking & how we can improve next year.
-	
Mahalo	for providing us with your training feedback. See you next year!
Name: _	J. Cordon ; Date 8/25/2016
Compar	J. Cordons ; Date 8/25/2016 ay: Caruc Pacifor

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rook the execution of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	training course:
	I liked the variety of presentations from Sustainable Coast Muc and about the City works program.
	about the City Works program,
2.	What were the strong points of the training course that we should keep & improve upon
	for next year?
	"Though to lake for in an Mappersion
3.	What were the weak points of the training course that we should improve upon next year?
	- Spill response procedurer and what sol to do when a spill reaches The water (on-the water response, operating requirements, ICS)
	wards (on-the war response rousing requirements ICS)
	- Man be do break sur cours in a sail assured liet to assert
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
	Slides were green general without a whole los of dutail.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
	Convenient location, Hard to see on whole lot of details in the slides
	because of size / distance from screen and lighting Chairs not you comfortable
	becomes of size / distance from screen and lighting. Chairs not very comfortable Andro/ Sound is really good.
Mahalo	for providing us with your training feedback. See you next year!
Name:	Joseph Shares : Date 8/26/2016
Compa	Joseph Shacos ; Date 8/25/2016 ny: Grace Partific LLC

3. What = 4. How e Harbo audien 0 = No	effective were the Trainer, the Power Point slides & the video in conveying the rs Storm Water Management Program information & requirements to the tenant
4. How e Harbo audien $0 = Nc$	rs Storm Water Management Program information & requirements to the tenantice? Please rank their overall effectiveness from 0 to 5 where $5 = Most$ Effective
Harbo: audien 0 = No	rs Storm Water Management Program information & requirements to the tenantice? Please rank their overall effectiveness from 0 to 5 where $5 = Most$ Effective
5. Please	Ocean Debri
course conditi scale f Extren	provide an overall ranking of the Pier 2 Terminal facility used for this training in terms of conditions conducive to the tenant audience such as comfort (air ioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = nely poor overall comfort and convenience Please provide onal comments to elaborate on your ranking & how we can improve next year.

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall		
	training course:		
2.	What were the strong points of the training course that we should keep & improve upon for next year?		
	I don't know why or explained why these		
3.	What were the weak points of the training course that we should improve upon next year Tenanh Chair map presentation to langthy, to must information, tenants don't have access to app any was		
4.	How effective were the Trainer, the Power Point slides & the video in conveying the		
	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.		
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking		
	Extremely poor overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. B. G. Please provide additional comments to elaborate on your ranking & how we can improve next year. Warking, unclear where parking 15 ok		
1ahal	o for providing us with your training feedback. See you next year!		
Jame:	ρ_{-1} ρ_{-1}		
	any: AES Kalaplaa		

Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course: World prefer less time on software beach cleaning controlled in the controlled prefer less time on software beach cleaning controlled in the controlled prefer less time on software beach cleaning controlled in the controlled provided in the co	1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
training course: World prefer less time on software brach cleaning in the fives May time in BMR specifics maybe SPCC legiscements		
What were the strong points of the training course that we should keep & improve upon for next year? Core presentation by Enviroservices. May work to present an Most frequent finding deficiences have upon the training course that we should improve upon next year? May work to present an Most frequent finding deficiences have upon inspections. What were the weak points of the training course that we should improve upon next year? May work to have all Dot personnel up front when introduced. 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Convenient location for Kalaelon tarbors tenants but elheurist decent. Trails for Pupus 2 Coffee. Mahalo for providing us with your training feedback. See you next year!		
2. What were the strong points of the training course that we should keep & improve upon for next year? Core presentation by Envirosevices. May want to present an Most frequent finding deficiences from inspections. 3. What were the weak points of the training course that we should improve upon next year? May want to have all DoT personnel up front when introduced. 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Section 1 Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Convenient location for Kalaelon Hubbars Hearts but the Mahalo for providing us with your training feedback. See you next year!		
2. What were the strong points of the training course that we should keep & improve upon for next year? Core presentation by Envirosevices. May want to present an Most frequent finding deficiences from inspections. 3. What were the weak points of the training course that we should improve upon next year? May want to have all DoT personnel up front when introduced. 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Section 1 Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Convenient location for Kalaelon Hubbars Hearts but the Mahalo for providing us with your training feedback. See you next year!		2 May time by BMP specifica & maybe SPCC legisland to
for next year? Coe presentation by Enviroservices. May wont to present an Most frequent finding deficiences toom inspections. What were the weak points of the training course that we should improve upon next year? May wont to have all Dot personnel up front when instructed. 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Secondary of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Convenient location for Kalaelon taubons length. Mahalo for providing us with your training feedback. See you next year!		The state of the s
Case presentation by Enviroservices. May want to present an Most frequent finding deficiences from inspections 3. What were the weak points of the training course that we should improve upon next year? May want to have all Dot personnel up front when introduced 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Compensate location for Kalaelon taubous tenants but office the pupus is coffice. Mahalo for providing us with your training feedback. See you next year!	2.	What were the strong points of the training course that we should keep & improve upon
May want to present an Most frequent finding deficiences Jean inspections 3. What were the weak points of the training course that we should improve upon next year? May want to have all Dot personnel up front when incheduced 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Description of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Description of the Pier 2 Terminal facility used for this training course in terms of conditions and convenience & 0 = Extremely poor overall comfort and convenience. Description of the Pier 2 Terminal facility used for this training course in terms of conditions and convenience & 0 = Extremely poor overall comfort and convenience. Description of the Pier 2 Terminal facility used for this training course in terms of conditions and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Convenient location for purpose the provide additional comments to elaborate on your ranking & how we can improve next year. Please provide and the pro		for next year?
3. What were the weak points of the training course that we should improve upon next year? May wont to have all Dot personnel up front when introduced 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Convenient location for Kalaelon Hubors length but of Lineary but Mahalo for providing us with your training feedback. See you next year!		Core presentation by Enviroservices.
3. What were the weak points of the training course that we should improve upon next year? May want to have all Dot personnel up front when introduced 4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Comental location for Kalaelon taubous tenats but of the providing us with your training feedback. See you next year!		May want to present on most frequent finding deficiences
4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speckers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year. Not Comence to contain for Kalaelon tankon tenants but of the pupper of the contain for pupper is coffee. Mahalo for providing us with your training feedback. See you next year!	3.	
4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Clear presentation. Good Speakers 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Section 1		
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Name: SALA DANIELS; Date 8 25 16 Company: GLP Asphalt	Mahale	o for providing us with your training feedback. See you next year!
Company: GLP Asphalt	Name:	SACA Daniels : Date 8/25/16
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	- HAVE SCIOES ON. ALSO, MAKE SYDESHOW KNAILABLE FOR POW
-	VIA WEBPAGE/WEBSITE.
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1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? All god
3.	What were the weak points of the training course that we should improve upon next year? Not. Since Cityworks is an in-house tool only, explain why It was prefused to us. In other words, what's the Relevance
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	o for providing us with your training feedback. See you next year!
Vame:	Rachel Agner) : Date 8/25/16
Compa	Pachel Agner); Date 8/25/16 my: Environmental Resources Management (FRM)

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2.	What were the strong points of the training course that we should keep & improve upon
	for next year? NUM P UNK UPM STALL INGTH THATS DUE TOWN AMEN
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Barbers Point Harbors? Please rank th	ou as a Tenant of the Honolulu and Kalaeloa e overall course from 0 to 5 where 5 = Most Additional comments on the overall
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for next year?	ning course that we should keep & improve upon At support groups that are
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Mahalo for providing us with your training fee	dback. See you next year!
Name: Brandon Rodriguez Company: Sause Bros.	; Date <u>\$/25/16</u>

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1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & $0 = \text{Not Beneficial at all.}$ Additional comments on the overall
	training course:
	information provided was very helpful
2.	What were the strong points of the training course that we should keep & improve upon
	for next year?
	-Hyworks seems like a very
	powerful and efficient resource
3.	What were the weak points of the training course that we should improve upon next year?
	monologing
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	Harbors Storm Water Management Program information & requirements to the tenant
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	parecepoint states were very
	informative /
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	additional comments to elaborate on your ranking & how we can improve next year.
	Venue was comfortable and spacious.
	PUPILS WERE GENEROUS
Mahalo	o for providing us with your training feedback. See you next year!
	Al Rodriguez ; Date 8-26-16
Name:	Al Rodriguez ; Date 8-40-10
Compa	ny: Souse 1305

2.	What were the strong points of the training course that we should keep & improve up
	for next year?
	I like the reminders regarding illreit discharge + what is or is not considered illreit discharge.
	or is not considered with discharge,
3.	What were the weak points of the training course that we should improve upon next y
	Consent be cree by EPA > Not familian with it. testy
	Could oxpand le laborate / remand explain a little better, But ki
	trouted it out as session went by,
	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenan
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	additional comments to elaborate on your ranking & how we can improve next year.

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2.	What were the strong points of the training course that we should keep & improve upon for next year? Understanding why this training is important		
	What were the weak points of the training course that we should improve upon next year? I would have liked to have seen more in depth focus on Inspection process & requirements		
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Mored a little to auckly for me to take nots		
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Mahalo	for providing us with your training feedback. See you next year!		
Name:(Brandel Markos ; Date 8/25/16		
Compa	Brandel Markos ; Date 8/25/16 ny: <u>Sea Engineering Inc.</u>		

What were the strong points of the training course that we should keep & improve upon for next year? Strong points is the City water works progra
What were the weak points of the training course that we should improve upon next year?
How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.

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hale	o for providing us with your training feedback. See you next year!
ne:	hather Jose ; Date 8-2576

Annual H-DOT Harbors Tenant Storm Water Training Course Honolulu Harbor Pier 2 Cruise Terminal

4. How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tent audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like. 5. Please provide an overall ranking of the Pier 2 Terminal facility used for this train course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ran scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. 5. Please provide additional comments to elaborate on your ranking & how we can improve next year that of the providing us with your training feedback. See you next year! The Market St. St. St. St. St. St. St. St. St. St		Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
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npany: Ith Croknowies 1(8)	1e: _	; Date 8-25-16
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"Mālama i ke kai" - Protect Our Harbor Waters

	Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
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	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year.

2.	What were the strong points of the training course that we should keep & improve up for next year? Thirt was a very good presentation.
3.	What were the weak points of the training course that we should improve upon next of the world be good to give US access to cityworks websites.
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenan audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like.
	Harbors Storm Water Management Program information & requirements to the tenan audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Rankin scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide additional comments to elaborate on your ranking & how we can improve next year.

	Beneficial & 0 = Not Beneficial at all Additional comments on the over training course:
2.	What were the strong points of the training course that we should keep & improve up for next year? STRONG POINT, SHANDE OF FINDINGS DWEING IMSPECTION J
3.	What were the weak points of the training course that we should improve upon next
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenar audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like.
4.	Harbors Storm Water Management Program information & requirements to the tenar audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effe
	Harbors Storm Water Management Program information & requirements to the tenar audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effe
	Harbors Storm Water Management Program information & requirements to the tenar audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranki scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience Please provide

	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year?
	EXPLANATION OF GUALS & PRIXESSE
	OPPORTUNITIES TO MEET PERSONEL.
	What were the weak points of the training course that we should improve upon next year
	POLITICAC OPINION BY EUSST
	PERMAPS ONEZPUNI - BUT INTREESO
	How effective were the Trainer, the Power Point slides & the video in conveying the
٠	The west enter the Trainer, the rower rollit stides & the video in conveying the
•	Harbors Storm Water Management Program information & requirements to the tenant
•	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
•	Harbors Storm Water Management Program information & requirements to the tenant
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	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
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1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	training course:
2.	What were the strong points of the training course that we should keep & improve upon
	for next year? BUSTA, 1005K (Dast /ines
3.	What were the weak points of the training course that we should improve upon next year MDIR, Wary WILL Dogah, real
4	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide additional comments to elaborate on your ranking & how we can improve next year.
1 alaal	
чапаі	o for providing us with your training feedback. See you next year!
Vame:	Hors Marine Date 9-15-16 any: Hawai, P. 15+5
Compa	any: Anwai, Pilots

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all Additional comments on the overall
	training course:
	NEW INFO FROM LAST YEAR
2.	What wore the street with City and the street was the city of the cit
۷.	Position of the training obtains that we should keep by highly to high
	points of envolvemental situation for
	from of envormentall situation for
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
	1 To vide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
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	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
Mahali	o for providing us with your training feedback. See you next year!
111011111	
Name:	RODAL FALLA SHYP SERVICE Date 9-15-16
Compa	iny: AALA SHYD STRYICE
	VI

2.	What were the strong points of the training course that we should keep & improve up for next year?
•	What were the weak points of the training course that we should improve upon next
	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenan audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effectiveness
	0 = Not Effective at all. Provide additional comments if you like.

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year?
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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ahalo	o for providing us with your training feedback. See you next year!
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ompa	ny:

•	What were the strong points of the training course that we should keep & improve upon for next year?
	What were the weak points of the training course that we should improve upon next year
•	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all Provide additional comments if you like.

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	training course:
	IM VERY SHALL SHOP WILLIAME I MARCH - USEFUL REVIEW
2.	What were the strong points of the training course that we should keep & improve upon for next year?
	THE ENVIRONANTAL CHEAN GLY WAS INTERESTING
3.	What were the weak points of the training course that we should improve upon next year?
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
	NECESCRY TO RECIEW, but sciottly to semis
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
Mahalo	o for providing us with your training feedback. See you next year!
Name:	Jim Haumann Date 9.15-16
Compa	

Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all Additional comments on the overall training course:
What were the strong points of the training course that we should keep & improve upon for next year?
What were the weak points of the training course that we should improve upon next year? Beth Vicinity of sine state stow Cant very small words
How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience
o for providing us with your training feedback. See you next year! Date 9-15-16

2.	What were the strong points of the training course that we should keep & improve up for next year?
,	Slides should be improved upon Some seem Outdated
3.	What were the weak points of the training course that we should improve upon next
1.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenar audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience.

_	
2.	What were the strong points of the training course that we should keep & improve up
	for next year? Slides of BMPs and reminders of how to practice them
3.	What were the weak points of the training course that we should improve upon next
	Citiworks presentation could have been shorter since tenants not have access to it and we don't need to have full know about how the program works.
l.	How effective were the Trainer, the Power Point slides & the video in conveying the
•	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effectiveness
	0 = Not Effective at all. Provide additional comments if you like.
	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where $5 = \text{Very Good overall comfort and convenience } \& 0 =$
	Extremely poor overall comfort and convenience Please provide additional comments to elaborate on your ranking & how we can improve next year.

Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course: Great rough of Systamalul Caustling, U
2. What were the strong points of the training course that we should keep & improve upon
for next year?
Regulation updates & HOUT Harbor coment status es/
Consent deiree
What were the week points of the training course that we should be
3. What were the weak points of the training course that we should improve upon next year Citywares (GIS presented was great let wish
tenants Coul have access
forms (som par cutes)
4. How effective were the Trainer, the Power Point slides & the video in conveying the
Harbors Storm Water Management Program information & requirements to the tenant
audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
0 = Not Effective at all Provide additional comments if you like.
170 vide additional comments if you like.
5. Please provide an overall ranking of the Pier 2 Terminal facility used for this training
course in terms of conditions conducive to the tenant audience such as comfort (air
conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
scale from 0 to 5 where $5 = \text{Very Good overall comfort}_{t}$ and convenience & $0 =$
Extremely poor overall comfort and convenience Please provide
additional comments to elaborate on your ranking & how we can improve next year.
Chairs a bit uncomfortable
Mahala for providing no with your training for the start of
Mahalo for providing us with your training feedback. See you next year!
Name: EMULY Odell ; Date 15 SEPT16
Company: Pucific Shipyards International

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa
	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	training course:
	Why do we need to know about "City works
	or los wapping was hell is who her statis and how we
2.	What were the strong points of the training course that we should keep & improve upon doing on
	for next year?
	Complyand
3.	What were the weak points of the training course that we should improve upon next year?
	too long don't need to be lectured
	don't used to know how the dept is Considering in moncent decree
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
	poor speakers
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
	course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
	Shorter meetings, just bell us about year regulations
	or if violations are occuring
Mahalo	for providing us with your training feedback. See you next year!
Name:	Kod Ney 136 Date 9/18/16
Compa	

	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? Presentation that specifies BMPS Next to be kept and updated on any
3.	What were the weak points of the training course that we should improve upon next year Con we as tentowns access why will
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
2.	What were the strong points of the training course that we should keep & improve upon for next year? New Requisitions
3.	What were the weak points of the training course that we should improve upon next year
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Solution: 2 Please provide additional comments to elaborate on your ranking & how we can improve next year.
1ahalo	o for providing us with your training feedback. See you next year!
ompa	ny: GLP Asphilt

	Beneficial & 0 = Not Beneficial at all Additional comments on the overall
	training course:ENTIRONIMENTAL COMPLIANCE WAS PRESENTED
	AS DIFFICULT. RECOMMEND IT BE PRESEN
	AS EASY
2.	What were the strong points of the training course that we should keep & improve upon
	for next year?
	ADDROAS STOFF AND WHAT THEY ARE
	Workens on
2	
3.	What were the weak points of the training course that we should improve upon next year? Nork INVOLVEMENT BY ATTENDERS
	SUGGEST! WORK STATIONS, EXAMPLES OF GO
	SOLUTIONS
4.	How effective were the Trainer, the Power Point slides & the video in conveying the
	Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all Provide additional comments if you like.
	AUDIENCE NOT HVOLVED
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training
5.	course in terms of conditions conducive to the tenant audience such as comfort (air
5.	course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
5.	course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
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	Beneficial & 0 = Not Beneficial at all. 3 Additional comments on the overall training course: OVERAU — GOOD [NESC ATATION]
2.	What were the strong points of the training course that we should keep & improve upon for next year? COID OVERVIEW & INFO ON MELLE PEQ
3.	What were the weak points of the training course that we should improve upon next year covered some ANCAS 18: CLZY LORGE, THAT DUES DINEITLY CONCERN TENANTS
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
5.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking

1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most
	Beneficial & 0 = Not Beneficial at all. Additional comments on the overall
	training course:
	Harbor - 7
2.	and the strong points of the training course that we should keep & hiprove upon
	for next year? Harbor - water.
	The second secon
3	What were the week points of the training course that we 1 11:
٥.	What were the weak points of the training course that we should improve upon next year?
4	How effective were the Trainer the Dower Daint alides 8 41
•	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant
	audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective &
	0 = Not Effective at all. Provide additional comments if you like.
5	Please provide an overall ranking of the Dian 2 Tames 1.5 11.
٥.	Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air
	conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking
	scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 =
	Extremely poor overall comfort and convenience Please provide
	additional comments to elaborate on your ranking & how we can improve next year.
Mahal	o for providing us with your training feedback. See you next year!
	Pala can
Name: Compa	Date VIII
Compa	my

	What were the strong points of the training course that we should keep & improve upofor next year? DISCUSSION of CONSON Decree 4
-	STAFF INTERACTION ABOUT TOUR MISSION
. '	What were the weak points of the training course that we should improve upon next y Details 4 GIS
]	
1	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air
] ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Show we can improve next year.
] ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like. Please provide an overall ranking of the Pier 2 Terminal facility used for this training course in terms of conditions conducive to the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Suppose the tenant audience and the state of the tenant audience such as comfort (air conditioning & lighting), hearing (audio), refreshments, restrooms & parking. Ranking scale from 0 to 5 where 5 = Very Good overall comfort and convenience & 0 = Extremely poor overall comfort and convenience. Please provide

	Good content
2.	What were the strong points of the training course that we should keep & improve up for next year? WHENG TO FIND MESOURCES
3.	What were the weak points of the training course that we should improve upon next y CITY WORKS IS A CHEAT TOOL BUT NOT MALL HELP IF WE OOM HAVE TENAND ACCESS AT ANY LEVEL
1.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective 0 = Not Effective at all. Provide additional comments if you like.

1.	Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
	——————————————————————————————————————
2	
2.	What were the strong points of the training course that we should keep & improve upon for next year? May Mb Famples of BMP's
3. NEEDMO	What were the weak points of the training course that we should improve upon next year? The who about Record Keeping. The websites for different subjects
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.
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Mahal	o for providing us with your training feedback. See you next year!
Name:	,
Compa	any:

1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. 4 Additional comments on the overall	
	training course:	
2.	What were the strong points of the training course that we should keep & improve upon	
	for next year? Spill response Aprevention.	
3.	What were the weak points of the training course that we should improve upon next year? City works - a much shorter overview would suffice; cannot access the system so they to not need to see the details to the level Agree which was presented.	tern
4.	How effective were the Trainer, the Power Point slides & the video in conveying the Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all. Provide additional comments if you like.	
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5.	Harbors Storm Water Management Program information & requirements to the tenant audience? Please rank their overall effectiveness from 0 to 5 where 5 = Most Effective & 0 = Not Effective at all

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ompa	Captain Jeff Date 9-14-16 ny: Wikoliang				

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1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most Beneficial & 0 = Not Beneficial at all. Additional comments on the overall training course:
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1.	Was the training course beneficial to you as a Tenant of the Honolulu and Kalaeloa Barbers Point Harbors? Please rank the overall course from 0 to 5 where 5 = Most				
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Mahal	o for providing us with your training feedback. See you next year!				
Name:	any: TRAVER PLAZA				
Compa	any: TRIVER PLAZA				

Attachment 5f

Tenant Training – Questionnaires Results Summary and Completed Questionnaires

Harbors Tenant Training Questionnaire Summary

Name	Company	Score out of 10
A.K. Colburn	Hawaii Gas	10
Al Rodriguez	Sause Bros.	10
Andrew Souza	MHR	10
Anthony Lumabao	Kirby Offshore	10
Brandie Markos	Sea Engineering	9
Brandon Rodriguez	Sause Bros.	10
Captain Jeff	Wikoliana	10
Carlos Puga	Travel Plaza	10
Chad Kaiwikuamao	Arcadis	9
Chadesey Pruett	Penco	10
Charles Howard	Maritime License Center	10
Chris Ballesteros	Erik Builders, Inc	10
Clint Kagami	Kagami Inc	10
Daniel Otani	United Fishing Agency	10
Daniel Sonognini	Hawaiian Cement	10
David Griffith	American Marine Corp	10
DC Carter	Penco	10
Don Froning	Friends Of Falls of Clyde	10
Dustan Onaga	Amazon Construction	10
Dustin Sharp	Matson	10
Emily Odell	Pacific Shipyards	10
Eugene Gillis	Excavation Services	10
Floyd Otani	United Fishing Agency	9
Frank Roznedski	Hawaii Stevedores	10
Frank White	Containers Storage	10
Gayle Saito	Unify Recovery	10
Glenn Jinbo	ASIG	10
Gordon Fowler	Hawaii Resource Group	10
Guy Hicks	Star of Honolulu	10
Herb Nahiru	Hawaii Pilot	10
James M. Sakata	Erik Builders, Inc	9
James Pontin Jr	Kirby Offshore	10
Jayson Vinluan	Buckman Boatyard	10
Jermaine Rabayo	TPT	9
Jessie Galariz	Petrospect	10
Jim Gomes	Hawaiian Cement	10
Jim Hermann	Wind & Sea Charters	7
Joanna Valoira	Inchcape Shipping Services	10
Joe Kim	BEI Hawaii	10
John Fackrell	Matson	9
John Juettner	Healy Tidbitts Builders	8
John Keala	AES Kalaeloa Ventures, LLC	10
Jon Satre	AML	9
Jonathan Sullivan	BEI Hawaii	10
Jy Pryne	HBN	10

Harbors Tenant Training Questionnaire Summary

Name	Company	Score out of 10
Kanoa Parker	Matson	10
Keahi Birch	Matson	10
Kekua Kelii	Atlantis Submarine	8
Kendall Kwok	Hawaii Stevedores	10
Keoki Sparin	American Marine Corp	10
Kevin Hanashiro	AES Kalaeloa Ventures, LLC	10
Kimo Bajeh	HIS	10
Kristin Lim	Hawaiian Aqua Products/Foo Wi Lim & Sons, Inc.	10
Kyle Hirano	Jas. W. Glover, Ltd	10
Linda Goldstein	HC&D	10
Marshall Joy	Hawaiian Ice	10
Matthew Buckman	Hawaiian Catamaran	10
Mel Tobe	Travel Plaza	10
Michael Van	Hi-Seas Hawaii	9
Monte Kalama	Matson	10
Nathan Kapule	Young Brothers	10
Nathan Lopez	Hawaiian Cement	9
Neil Kanemoto	POP/Nico's	10
Nephi Dhai	Oceanic Libra	10
Norman Cheu	Norko Marine	10
Paul Descalso	AES Kalaeloa Ventures, LLC	10
Paul Fukunaga	PF Marine	10
Paul Takakawa	Concrete Coring	9
Rae Miyasaki	JFC International	10
Ralph Dewitt	P&R Water Taxi	10
Ray Oberacker	BEI Hawaii	10
Raymond	VAK	10
Rebela Fan	RFC Group	7
Richard Preston	Aloha Container	10
Rober Steinke	Steinke Bros.	10
Rodney Yee	Pioneer Machinery	10
Ronald Chun	Honolulu Marathon	9
Rorylynn Laa	Erik Builders, Inc	6
Ryan Rico	Oceantronics	10
S.Hinton	Marisco	10
Sara Daniels	Asphalt Hawaii	10
Shanna Nakachi	JTB Hawaii	10
Steven Goo	Niu Nursery	9
Theresa Alcosiba	Norman's Tractor Service	9
Todd Miyahara	GLP Asphalt	10
Wade Matsuda	Star of Honolulu	10
Wilbert Barber	Baseyard Hawaii Nanakuli Housing Corp	10
William Silva	Star of Honolulu	8
Yasuhiro Kinuhata	Norko Marine	10
- addini d Kindilata	Average sco	

Harbors Tenant Training Questionnaire Results

Question	Total Correct out of 89	Percent Correct out of 100%	Correct Answer
1	87	98%	d
2	86	97%	a
3	84	94%	d
4	88	99%	b
5	84	94%	С
6	87	98%	a
7	85	96%	d
8	87	98%	b
9	87	98%	d
10	86	97%	a



2016 HDOT Harbors Tenant Training Questionnaire



Name: Jay Dowsett Company: and Homaiiloa Date: 7-26-16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing.
 - d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



N	lame: Scott Sevadjian	_ Company: _	Grace Pacif	ic Date:	7/27/16
1.	 Which of the following activing generate stormwater pollutars a. Off-site tracking of sedim roads. b. Uncontained aggregate has between vessels and the sentences. 	ts? nent on paved andling	cł	comptly respond to something.	tenant that handles e a spill kit on-site to spills that may occur.
2.	c. Uncontained equipment val. All of the above. True or False? Stormwater ru discharges through the storm	noff normally drain system		Pick up litter on to Promptly respond Using a drip pan	ling to a spill for a leaking vehicle
	and empties into the harbor watereatment.a. True.b. False.	ntnout any		All of the above	and dirt on the ground wn the storm drain
3.	Which of the following are pedischarged into the storm dra a. Unpolluted AC condensa b. Fish entrails, wash water,	in? te water.	us a. (b.		
	chemicals. c. Unpolluted landscape irri d a and c.	gation water.		nant space, what is Tenant must obta	ties are planned for a required? in consent from HDOT during the design
4.	a. An illegal forward pass.b. A non-stormwater discharisk to the environment.	rge that poses a	b.	relevant agencies construction.	prior to the start of
	c. Use of a stolen credit cardd. An indecent cargo mover		C.		ow the requirements of struction Site Runoff

5. The picture below is a good example of Best Management Practice (BMP) because:

a. Drums are inside and under cover.

b. Oil is not a pollutant.

©. Drums are properly marked and equipped with secondary containment.

d. None of the above.



10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

Control Manual.

d. All of the above.

- a. True.
- b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Brandon Company: Souse Bros. Date: 7/29/14

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Orums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Al Rodriguez Company: Sause Bros Date:

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - (b.) False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- d.) All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: ROSS BARNES COMPANY: U. H. MARINE CENTERDATE: 7/28/2016

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

(a.) True. b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.

c. Unpolluted landscape irrigation water.

- What is the definition of an illicit discharge?
 a An illegal forward pass.
 - b.) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - (c.) Drums are properly marked and equipped with secondary containment.

d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True b. False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

d. All of the above.

 True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True. b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: John P. ORR Company: Healy Tibbite Date: 7/29/2014

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
- Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True. b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True.

b. False.





Name: Eugene Cillis Company: Exception SVE Date: 8/1/2016

- Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - Uncontained aggregate handling between vessels and the shore
 - c. Uncontained equipment washing.
 - d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - Ta; True.
 - b. False
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water:
 - Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d An indecent cargo movement.
- The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover
 - b. Oil is not a pollutant:
 - c.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 True.
 - b. False.
- Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until mointenance can be completed
 - d. All of the above
- 8 True or False? Mud and dirt on the ground should be washed down the storm drainusing a water bose
 - a True
 - If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - (d.) All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True
 - b. False.





Name: FRANK WHITE Company: CONTRINES STORAG Date: 7/28/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
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 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
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 - a. Drums are inside and under cover.
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 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 6. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False.

HARBORS DIVISION

Please provide your comments here:

DE: LIA 1- 90A 01



2016 HDOT Harbors Tenant Training Questionnaire



Name: CMARIES HOWARD Company: MARITIME LICENSE Date: 7/29/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled
 - c. Unpolluted landscape irrigation water.
 - a and c.
- 4. What is the definition of an illicit discharge? a. An illegal forward pass.

 A non-storm

 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.

HARBORS DIVISION





2016 HDOT Harbors Tenant Training Questionnaire



Name: Nathan Kapule Company: Young Brothers, Ltd Date: August 2, 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
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 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
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 - c. Drums are properly marked and equipped with secondary containment.
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- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
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 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.

Please provide your comments here: d,a,d,b,c,a,d,b,d,a





Name: James M. Sakata Company: Erik Builders, Incate: August 01, 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - a and c.
- 4. What is the definition of an illicit discharge?
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 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - Talse
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.

Please provide your comments here:

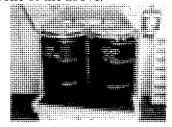
MERSIVIO SAOBAAII





Name: Took Vale (Safety Mingr. NHX (Hon Date: 08/08/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals
 - C Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - (c.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 (a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - (d) All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a) True.
 - b. False.





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Name: Gadonk	. Furtado Company: _	DHX	Date:	Operations Manage

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (á) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - ©. Unpolluted landscape irrigation water. d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.

 (b) A non-stormwater discharge that pos
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a) True.
 - b. False.



Name: ERICL. VANCE

2016 HDOT Harbors Tenant Training Questionnaire

Company: DHX Date: 05-03-16



1.	 Which of the following activities can generate stormwater pollutants? a. Off-site tracking of sediment on paved roads. b. Uncontained aggregate handling between vessels and the shore. 	6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.a. True.b. False.
1	c Uncontained equipment washing. d. All of the above.	7. Which of the following are good examples of BMPs?a. Pick up litter on the ground
2.	True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment. True.	 b. Promptly responding to a spill c. Using a drip pan for a leaking vehicle until maintenance can be completed d. All of the above
_	b. False.	8. True or False? Mud and dirt on the ground should be washed down the storm drain
3.	Which of the following are permitted to be discharged into the storm drain? a. Unpolluted AC condensate water. b. Fish entrails, wash water, and spilled	using a water hose a. True 5. False
(chemicals. c. Unpolluted landscape irrigation water. d) a and c.	9. If eonstruction activities are planned for a tenant space, what is required?a. Tenant must obtain consent from HDOT Harbors Division during the design
	 What is the definition of an illieit discharge? a. An illegal forward pass. b. A non-stormwater discharge that poses a risk to the environment. c. Use of a stolen credit card. 	phase. b. Tenant must obtain permits from relevant agencies prior to the start of construction. c. Tenant must follow the requirements of
	d. An indecent cargo movement.	the Harbors Construction Site Runoff Control Manual.
5.	The picture below is a good example of Best Management Practice (BMP) because:	(d) All of the above.
(a. Drums are inside and under cover. b. Oil is not a pollutant. C. Drums are properly marked and equipped with secondary containment. 	 True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties. True.
	d. None of the above.	b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Janne Valoria Company: Inchape Shipping Date:

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - (a. Unpolluted AC condensate water.
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 - c. Unpolluted landscape irrigation water. d.) a and c.
- 4. What is the definition of an illicit discharge?
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- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
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 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 a True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a.) True.
 - b. False.

MARBORS DIVISION



2016 HDOT Harbors Tenant Training Questionnaire



GAYLE SAItO

Company: UNIFY Recovery Date: 8/4/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing. d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
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 - Unpolluted landscape irrigation water. a and c.
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 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
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 - c.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur. True.
 - False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
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 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - True
 - False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False.

Please provide your comments here: Je the session always the same every year? The presentation seems to be the same and those of us attending already knows the consequence could we have another spokemen for the presentation? although we know the presentation? although we know the presentation?



2016 HDOT Harbors Tenant Training Questionnaire



JOHN RUSHdompany:

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

d. All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True. b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. (d.) a and c.
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a. An illegal forward pass.

- A non-stormwater discharge that poses a risk to the environment.
- Use of a stolen credit card.
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 - C. Drums are properly marked and equipped with secondary containment.

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- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
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 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.

False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Lodic Cordero Company: Grace Pacific Date: 8/18/2016

- Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b.) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d. All of the above
- True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False.

Please provide your comments here: Thank you for the training.



2016 HDOT Harbors Tenant Training Questionnaire



Name: STEVEN HANNEMAN Company: HP4/1777 Date: 8/8/16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - (d) All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



OZNEJSKI Company: HAWAII SKUKOOUS JOC Date:

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved
 - Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - Unpolluted landscape irrigation water.
 - (d.) a and c.
- What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur. True.
 - False. b.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - Promptly responding to a spill
 - Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Norman CHEU Company: North MARINE Date: 08/24/16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Raymond

Company: VAU

Date: 08/28/4

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing.

 d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

(a. True.

- b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?

Unpolluted AC condensate water.

b. Fish entrails, wash water, and spilled chemicals.

Unpolluted landscape irrigation water.

4. What is the definition of an illicit discharge?

a. An illegal forward pass.

- b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.

b. Oil is not a pollutant.

C.) Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True.

b. False.

7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

c. Using a drip pan for a leaking vehicle until maintenance can be completed

d.) All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True b. False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

d.) All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

(a) True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: James Pontin UR. Company: Kirby offshore Date: 08/25/2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Anthony Lumabaccompany:

Kirby off shore
marine Date: 6/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - Unpolluted landscape irrigation water. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Vermulne Rabayo Company: TPT Date: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing. (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any
 - treatment.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d. a and c.
- 4. What is the definition of an illicit discharge? a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a.) True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



	Chahhh	NUKa Mompan	JTB Hawaii		8/15/2010
Name:	<u>Jiwa Ciwi</u>	TO Company	y: Wavel & aza	Date:	100/00/16
			Transportation		

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True. b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 d.) a and c.
- 4. What is the definition of an illicit discharge?
 - An illegal forward pass.
 - (b.) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 (a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
- Control Manual.
 All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Keoki Spain Company: American Havene CogoDate: 6/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

All of the above.

- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

a and c.

- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True.

b. False.

7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

c. Using a drip pan for a leaking vehicle until maintenance can be completed

d.) All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True

(b) False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d.) All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: KANDA PARKER Company: MATERIA Date: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a.) True.

False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. (a.) a and c.
- 4. What is the definition of an illicit discharge?

a. An illegal forward pass.

- A non-stormwater discharge that poses a risk to the environment.
- c. Use of a stolen credit card.
- d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.

d. None of the above.



 True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True.

- b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

5. False

- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: DUSTIN SHARP	Company:	MATSON	Date:	8 (25)	طا
Trainer Office Office	Company.	1 (41 2014	Date:	2/0	10

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True. b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - Unpolluted landscape irrigation water. a and c.
- What is the definition of an illicit discharge?
 a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.

b. Oil is not a pollutant.

- c. Drums are properly marked and equipped with secondary containment.
- d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

6. False

- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: MONTE KNAMA	Company: MATSON	Date:	8/25	ماا

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 d.) a and c.
- 4. What is the definition of an illicit discharge?

a. An illegal forward pass.

- A non-stormwater discharge that poses a risk to the environment.
- c. Use of a stolen credit card.
- d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.

b. Oil is not a pollutant.

Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

a. True.

b. False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

d. All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True False

- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True.



2016 HDOT Harbors Tenant Training Questionnaire



Name: 5. HINTUN	Company: MARISCO	Date: 8/25/16
		/ //

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any

treatment.
a. True.
b. False.

- o. raise.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 d. a and c.
- 4. What is the definition of an illicit discharge?

 a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.

Drums are properly marked and equipped with secondary containment.

d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose



- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d. All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a.) True.



2016 HDOT Harbors Tenant Training Questionnaire



Name: NEW KAMERLUTU Company:

POP/ MCO'S

_ Date: _08/28/14

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
- a. Frue. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - /b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - False
 - 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Kyle Hirano Company: Jos. W. Glove, Utd Date: 8/15/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 (a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 6. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- (d) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation and lead to criminal penalties.

True.

False.



2016 HDOT Harbors Tenant Training Questionnaire

Name: OAVW G-PIFFAM Company: AMERICAN MARWE COMP. Date: 25 AUVEST 2016

1. Which of the following activities can generate stormwater pollutants?

a. Off-site tracking of sediment on paved roads.

b. Uncontained aggregate handling between vessels and the shore.

Uncontained equipment washing.

All of the above.

- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

a) True. b. False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
- d Control Manual.
 All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

(a.) True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: NEGHI DHAI Company: OCAMIC LIBRA Date: 25 AUG 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: BUCKMAN Company: Hawn Cat Date: 8-25-15

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing.
 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - C Unpolluted landscape irrigation water. d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a.) True. b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff

 Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.

Please provide your comments here: Nice Presentation 1 Earned and Was intrested!



2016 HDOT Harbors Tenant Training Questionnaire



Name: KEVIN HARMSHIRD Company: 455 Kalas lon Vanues Bate: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (a) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle , until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - ◆ False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Jaul Descalso Company: AES Kalalla Date: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
- __ d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
- a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - _d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
- b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
- d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
- b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- d. All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
- _ a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



. Which of the following activities can

generate stormwater pollutants?

a. Off-site tracking of sediment on paved

b. Uncontained aggregate handling between vessels and the shore.

c. Uncontained equipment washing.

All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

 (d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

a. True.

b. False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

d.) All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

(b.) False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d.) All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: RMYLYNN LAM Company: MIK PNILMS Date: 1-25-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

d. All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

d. a and c.

4. What is the definition of an illicit discharge?

An illegal forward pass.

- b. A non-stormwater discharge that poses a risk to the environment.
- c. Use of a stolen credit card.
- d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.

None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

a. True.

b. False.

7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

Using a drip pan for a leaking vehicle until maintenance can be completed

d. All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True

b. False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Balls and Unio

Company: 416 DU VUG

Date: 44 15,24

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - al. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

A. a and c.

- 4. What is the definition of an illicit discharge?
 - An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - A. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 1. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - A. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



JELSON WELL Company: WITED FIRENCE Abendingte:



- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled
 - c. Unpolluted landscape irrigation water.
 - d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

b False

- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- d All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



Name: C Kag um

2016 HDOT Harbors Tenant Training Questionnaire

Company: Kaypuni in Date: 9/25/6



1.	 Which of the following activities can generate stormwater pollutants? a. Off-site tracking of sediment on paved roads. b. Uncontained aggregate handling between vessels and the shore. c. Uncontained equipment washing. d. All of the above. 	 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur. a. True. b. False. 7. Which of the following are good examples of BMPs?
2.	True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment. (a.) True.	 a. Pick up litter on the ground b. Promptly responding to a spill c. Using a drip pan for a leaking vehicle until maintenance can be completed d. All of the above
3.	 b. False. Which of the following are permitted to be discharged into the storm drain? a. Unpolluted AC condensate water. b. Fish entrails, wash water, and spilled chemicals. 	8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose a. True b. False
	c. Unpolluted landscape irrigation water. d. a and c.	9. If construction activities are planned for a tenant space, what is required?a. Tenant must obtain consent from HDOT Harbors Division during the design
	 What is the definition of an illicit discharge? a. An illegal forward pass. A non-stormwater discharge that poses a risk to the environment. c. Use of a stolen credit card. d. An indecent cargo movement. 	 phase. b. Tenant must obtain permits from relevant agencies prior to the start of construction. c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
5.	The picture below is a good example of Best	All of the above.
	Management Practice (BMP) because: a. Drums are inside and under cover. b. Oil is not a pollutant. c. Drums are properly marked and equipped with secondary containment. d. None of the above.	 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties. a. True. b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: LINDA GOUDSTE/Admpany: HC&D Date: 8/25/2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a True. b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle
 - until maintenance can be completed
 All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Robert Steink Company: Steink, Bros Date: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True.

- b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - C Unpolluted landscape irrigation water.

 d a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Orums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle
 - d until maintenance can be completed All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True. False.



2015 HDOT Harbors Tenant Training Questionnaire



Name: C. Kuyumi	Company: Kuyumi ine	Date: 8/26/15

- 1. What is the purpose of this annual training?
 - a. To comply with the Consent Decree with EPA/HDOH.
 - b. To provide outreach and education on stormwater awareness and pollution prevention to Harbors tenants.
 - c. None of the above.
 - (d.) a and b.
- 2. Where does storm water runoff go after it enters the storm drain?
 - a. CCH sewer system.
 - (b) Through the storm drain system and into the harbor without treatment.
 - c. EPA's front door.
 - d. None of the above.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Gasoline, diesel, used oil, and paints.
 - © Rainwater
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. A non-stormwater discharge that poses a risk to the environment.
 - b. A stolen discharge.
 - c. Stormwater entering the storm drain.
 - d. None of the above.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - (a) Drums are properly marked and equipped with secondary containment.
 - b. Drums are empty.
 - c. Oil is not a pollutant.
 - d. None of the above.



- 6. Which of the following are good examples of BMPs for vessel maintenance activities?
 - a. Washing salt off vessel exterior using clean water only.
 - b. Perform maintenance while vessel is out of the water, such as in dry dock.
 - c. Use a tarp or other containment device to capture drips/chips from painting or grinding operations.
 - d.) All of the above.
- 7. Which of the following activities can generate stormwater pollutants?
 - a. Fueling without spill containment.
 - b. Improperly contained vehicle washing.
 - c. Uncontained material storage.
 - (d.) All of the above.
- 8. True or False? Every tenant should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 9. If construction activities are planned for a tenant space at Honolulu Harbor or Kalaeloa Harbor, what is required?
 - a. Contractor may commence at will.
 - b. Tenant must follow the requirements in Harbors Construction Site Runoff Control Manual.
 - c. Tenant must obtain an NPDES permit from the Department of Health if the work will disturb one acre or more.
 - (d.) B & C.
- 10. True or False? According to the Hawaii Revised Statutes Title 15 Chapter 266, fines of \$10,000 per violation per day can be issued for environmental violations.
 - a True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: GUY FUSITA Company: HAWAIIAN COMPATDate: 8-23-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Kimo Bajet Company: H.S. I. Date: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - C. Uncontained equipment washing.
 - d) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b.) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Paul Takekawa Company: Concrete Coring Date: August 25, 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - 6. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b). False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site RunoffControl Manual.
- All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Nathan Kapulcompany: Young Broth

1. Which of the following activities can generate stormwater pollutants?

a. Off-site tracking of sediment on paved roads.

b. Uncontained aggregate handling between vessels and the shore.

c. Uncontained equipment washing.
d.) All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True.

b. False.

3. Which of the following are permitted to be discharged into the storm drain?

a. Unpolluted AC condensate water.

b. Fish entrails, wash water, and spilled chemicals.

c. Unpolluted landscape irrigation water.
d.) a and c.

4. What is the definition of an illicit discharge?

An illegal forward pass.

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

c. Use of a stolen credit card.

d. An indecent cargo movement.

5. The picture below is a good example of Best Management Practice (BMP) because:

a. Drums are inside and under cover.

Oil is not a pollutant.

Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

a. True.

b. False.

7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

c. Using a drip pan for a leaking vehicle until maintenance can be completed

d. All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True

b. False

9. If construction activities are planned for a tenant space, what is required?

 Tenant must obtain consent from HDOT Harbors Division during the design phase.

b. Tenant must obtain permits from relevant agencies prior to the start of construction.

 c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

d. All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True.

b. False.

Please provide your comments here: Very important to elevate awareness on environmental Stewardship. This helps our company to understand the importance and need to Support



2016 HDOT Harbors Tenant Training Questionnaire



Name: Daniel Otan. Company: United Fishing Agency Date: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d) a and c.
- 4. What is the definition of an illicit discharge?

 a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Floyd Otani

Company: United Fishing Again Date: 8/28/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - C. Uncontained equipment washing.
 - d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - $(\widehat{\mathbf{d}}.)$ All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- (d) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



GLP Asphalt

Name: Sara Daniels Company: Asphalt Hawaii Date: 7-28-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

d.) a and c.

- 4. What is the definition of an illicit discharge? a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

a.) True.

b. False.

7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

c. Using a drip pan for a leaking vehicle until maintenance can be completed

d.) All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True

b.) False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d. All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

(a.) True.

b. False.





Name: Ryan Rico Company: Oceantronics Date: 08/11/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name:	Engere	Cilles Company:	Excavation	Seur Date:	8	25/16	
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- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True. b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

 a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Orums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.





Name: Marshell Joy Company: HAWAWAN FCE Date: 8-25-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (f) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 6 False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - **(a)** All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire

Name: Ralph Dewitt Company: Por Water Tatione: 8/21/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing.

 d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.





Name: Gotzoon Fowler Company: Hawaii ResourceDate: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

a and c.

4. What is the definition of an illicit discharge?

a. An illegal forward pass.

- A non-stormwater discharge that poses a risk to the environment.
- c. Use of a stolen credit card.
- d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True.

b. False.

7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

c. Using a drip pan for a leaking vehicle until maintenance can be completed

All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True

7. False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

All of the above.

 True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Gray Hicks

Company: STAR Of Hendulo Date: 2

Date: 8/25//-

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True. b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. a and c.
- 4. What is the definition of an illicit discharge?

 a. An illegal forward pass.
 - b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a) True. b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - B. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: William Mater Company: Star of Honolubu Date: 0/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d.)a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 d) None of the above.

- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a Pick up litter on the ground Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

All of the above.

a. True. b. False.



2016 HDOT Harbors Tenant Training Questionnaire

ne: A.K. COLBURN Company: HAWAN GAC Date: 8/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - Б. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b.) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
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 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle
 - until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.





1. Which of the following activities can

generate stormwater pollutants?

- Off-site tracking of sediment on paved roads.
- b. Uncontained aggregate handling between vessels and the shore.

Uncontained equipment washing. All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

True.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. a and c.
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 - C.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True.

False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

True **False**

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True. False.





Name: Duston Oraga

Company: ____

Amozen Constr

Date:

Aug. 25, 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any **reatment.

7 True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
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 - c. Unpolluted landscape irrigation water.

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- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

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- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
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 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
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(287 False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff

Control Manual.
All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

ъ. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: (4) AD KAIW (KUAMO Company: Aveades

Date: 25AUG 16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d? All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
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- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
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 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d. All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.

CAI



2016 HDOT Harbors Tenant Training Questionnaire



Name: note lopez

Company: Hawaiian Cerrest Date: 7/27/2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - /b False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
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 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
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- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - (d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a) True.
 - b. False.





Name: Wade Matsuch Company: Star of Honolds Date: \$ 125/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing. d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True. b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 d. a and c.
- 4. What is the definition of an illicit discharge?

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



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d. All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.

b. False.





Name: WILBERT BARBER Company: NANAKULI HOUSING Date: 8/25/10

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
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- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - ©: Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: JONATHAN SULLIVAN Company: BE1 Date: 7.39.11

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

True.

- b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
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- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - rums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

d. All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

6. False

- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Jim Comes Company: Howarin Cour Date: 8/26/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a True. b. False.

3. Which of the following are permitted to be discharged into the storm drain?

a. Unpolluted AC condensate water.

- b. Fish entrails, wash water, and spilled chemicals.
- c. Unpolluted landscape irrigation water.

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4. What is the definition of an illicit discharge?

a. An illegal forward pass.

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 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:

a. Drums are inside and under cover.

b. Oil is not a pollutant.

Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True.

b. False.

7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

c. Using a drip pan for a leaking vehicle until maintenance can be completed

All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

5 False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.

 c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

Co. True. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Brandon Radriguez Company: Souse Bros. Date: 7/28/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True. b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d) a and c.
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 - a. An illegal forward pass.
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 - d. An indecent cargo movement.
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 - a. Drums are inside and under cover.
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- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Al Rodriguez	Company: Sause Bros	Date:	

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d.) a and c.
- 4. What is the definition of an illicit discharge? a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Rae Miy a Saki Company: JFC International, Date: 8/24/16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - ъ. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b.) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.





Company: Inolula Matatha Date: 8/24

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing. d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

True. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - Unpolluted landscape irrigation water. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True. False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

d. All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d.) All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.





Name: PAUL FUKUNIGA Company: PF MARINE Date: 8-25-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True. b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

 d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.

d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 7. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

d All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

d. All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True. b. False.

b. F



2016 HDOT Harbors Tenant Training Questionnaire



Nam	e:GLENN JINBO	Company:	ASIG	Date: 8.25.16
ge a.	hich of the following activinerate stormwater pollutant Off-site tracking of sedim roads. Uncontained aggregate has between vessels and the services.	es? nent on paved andling	(True or False? Every tenant that handles chemicals should have a spill kit on-site to examptly respond to spills that may occur. True. b. False.
d.	Uncontained equipment value of the above.	vashing.	(Which of the following are good examples of BMPs? a. Pick up litter on the ground
dis and tre	ue or False? Stormwater ruscharges through the storm dempties into the harbor watment. True.	drain system	1	D. Promptly responding to a spill D. Using a drip pan for a leaking vehicle Until maintenance can be completed D. It of the above
U 6.	False.			Frue or False? Mud and dirt on the ground should be washed down the storm drain
	I	n? te water.	Č	using a water hose True False
d.	chemicals. Unpolluted landscape irrigation and c.	gation water.	t	f construction activities are planned for a enant space, what is required? a. Tenant must obtain consent from HDOT Harbors Division during the design
b.	An illegal forward pass. A non-stormwater discharrisk to the environment.	rge that poses a		phase. Tenant must obtain permits from relevant agencies prior to the start of construction.
	Use of a stolen credit card An indecent cargo moven			 Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
5. Th	e picture below is a good e	xample of Best	/c	I. All of the above.
	nagement Practice (BMP)		C	
C.	Oil is not a pollutant. Drums are properly marked equipped with secondary	ed and	I	True or False? According to the Hawaii Revised Statutes, an environmental violation lead to criminal penalties. True.
d.	None of the above.	t	4	False.





Name: Brandie Markos Company: Sea Engineering Date: 8/24/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing. d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a.) True. b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.





OZNEJSKI Company: HAWAII SKUKOOUS JOC Date:

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved
 - Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - Unpolluted landscape irrigation water.
 - (d.) a and c.
- What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur. True.
 - False. b.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - Promptly responding to a spill
 - Using a drip pan for a leaking vehicle until maintenance can be completed
 - All of the above
- True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Norman CHEU Company: North MARINE Date: 08/24/16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True. b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



	1400MEY
Name	TAMAMOTO

Company:

AMLA SHY) SCHOLLE

Date: 7-39-16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

(a.) True.

h False

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

 (d.) a and c.
- 4. What is the definition of an illicit discharge?

a. An illegal forward pass.

- A non-stormwater discharge that poses a risk to the environment.
- c. Use of a stolen credit card.
- d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.

b. Oil is not a pollutant.

(c.) Drums are properly marked and equipped with secondary containment.

d. None of the above.



True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

(a.) True.

b. False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c.' Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True

(b.) False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

(d.) All of the above.

 True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

(a) True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: KEIWIT KEU Company ATLANTIS SUB pate: 16 SEPT 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water. d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a True. b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
- d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.

TRMJ





Name: Joe	Lim C	ompany:	B61	Haver	Date:	SEP 1	5,2011	5
							/	

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - d. unpolluted landscape irrigation water.
- 4. What is the definition of an illicit discharge?

 a. An illegal forward pass.
 - b A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Orums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True. b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (5.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- True or False? According to the Hawaii
 Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: John Jactha Company: Harly Tibbitts Date: 9-15-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Carlos Puga Company: Travel Plaza Date: 9/15/16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a) True
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (a) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 5 False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - (d) All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Jayson Vintuan Company: Buckmans BontyroDate: 9-15-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True.

- b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

a and c.

- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

False

- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: MEL TOLBE Company: TRISVEL BUSZY Date: 2/05/UL

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (f) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True. b. False.
 - o. Taise.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Rebeen FAN Company: RFC GWUP Date: 09/15/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a True.

3. Which of the following are permitted to be discharged into the storm drain?

Unpolluted AC condensate water.

- b. Fish entrails, wash water, and spilled chemicals.
- (c.) Unpolluted landscape irrigation water.
 (d) a and c.
- 4. What is the definition of an illicit discharge?

a. An illegal forward pass.

- A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.

b. Oil is not a pollutant.

c. Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

(a.) True.

b. False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

d. All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.

d.) All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Captain Jeff Company: Wikoliang Date: 9-14-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

All of the above.

- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.

d a and c.

- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

True.

б. False.

- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed

d.) All of the above

- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

(a) True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Company: HR

Date: 9-15-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a True.

- b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled
 - c. Unpolluted landscape irrigation water.

d. a and c.

- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d. All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True. b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Soy Sutu	Company: AML	Date: 9-15-16
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- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.

/d. All of the above.

2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

a. True.

- b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?

(a. Unpolluted AC condensate water.

- To. Fish entrails, wash water, and spilled chemicals.
- c. Unpolluted landscape irrigation water.
- d. a and c.
- 4. What is the definition of an illicit discharge?

a. An illegal forward pass.

- A non-stormwater discharge that poses a risk to the environment.
- c. Use of a stolen credit card.
- d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.

b. Oil is not a pollutant.

(c.) Drums are properly marked and equipped with secondary containment.

d. None of the above.



6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

al True.

- b. False.
- 7. Which of the following are good examples of BMPs?

a. Pick up litter on the ground

b. Promptly responding to a spill

c. Using a drip pan for a leaking vehicle until maintenance can be completed

d. All of the above

8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True

b False

9. If construction activities are planned for a tenant space, what is required?

- Tenant must obtain consent from HDOT Harbors Division during the design phase.
- b. Tenant must obtain permits from relevant agencies prior to the start of construction.
- c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d. All of the above.

10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

a. True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Audrew Souza Company: MHR Date: 9-15-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Michael Van Company: Hi-Seas Hawaii Date: 09/15/2016

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - Uncontained equipment washing.

 All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - O. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (3). True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 6) False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - **(b)**. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: HEIZIS NAU, Company: HAWAI TS/OFDate: 7-15-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c.) Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
- All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

b. False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.

d All of the above.

- True or False? According to the Hawaii
 Revised Statutes, an environmental violation
 may lead to criminal penalties.
 - ∠a.) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Company: Date:	
Name: Company: Matson Date: 9/15	12011

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
- b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: RICHAR PRESTON Company: 18/6/14 CONTINUED ate: 9/15/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and-empties into the harbor without any treatment.
 - (a) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward bass.
 - b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a True.
 - b. False



2016 HDOT Harbors Tenant Training Questionnaire



Name: KEMDALL KWOCK Company: HAWAII STEVEDORES. Date: 0/15/14

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d) a and c.
- 4. What is the definition of an illicit discharge? a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a True.
 - ъ. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Kristin Lim Company: Foo W. Lim + Sons, Inc. Date: 08/25/16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - (a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - Unpolluted landscape irrigation water.a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 6. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d. All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: John Fackrell Company: Matson Date: 8-17-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - (b) False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d.) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - 6 A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - (d.) All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.

Please provide your comments here:

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2016 HDOT Harbors Tenant Training Questionnaire



Name: Don Froning company: Friends of Falls of CyloDate: 15 Sep 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Orums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d. All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: _ IM HELMANN Company: WIND & SEA CHARLES Date: 9. 15. 16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - C Uncontained equipment washing.
 - d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a. True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 Using a drip pan for a leaking vehicle
 until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True

(b.) False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
- b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



N	ame: Theresa Alcosiba Company:	Norman's Tractor Service Date: 9/15/2016
1.	 Which of the following activities can generate stormwater pollutants? a. Off-site tracking of sediment on paved roads. b. Uncontained aggregate handling between vessels and the shore. 	6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.a. True.b. False.
	c. Uncontained equipment washing.d. All of the above.	7. Which of the following are good examples of BMPs?
2.	True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.	 a. Pick up litter on the ground b. Promptly responding to a spill c. Using a drip pan for a leaking vehicle until maintenance can be completed d. All of the above
L	a. True. b. False.	8. True or False? Mud and dirt on the ground should be washed down the storm drain
3.	Which of the following are permitted to be discharged into the storm drain? a. Unpolluted AC condensate water. b. Fish entrails, wash water, and spilled	using a water hose a. True b. False
C	chemicals. c. Unpolluted landscape irrigation water. d. a and c.	9. If construction activities are planned for a tenant space, what is required?a. Tenant must obtain consent from HDOT Harbors Division during the design
4.	 What is the definition of an illicit discharge? a. An illegal forward pass. b. A non-stormwater discharge that poses a risk to the environment. c. Use of a stolen credit card. 	phase. b. Tenant must obtain permits from
	d. An indecent cargo movement.	the Harbors Construction Site Runoff Control Manual.
5.	The picture below is a good example of Best Management Practice (BMP) because:	
C	a. Drums are inside and under cover.b. Oil is not a pollutant.c. Drums are properly marked and equipped with secondary containment.	 True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties. True.
	d. None of the above.	b. False.



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2016 HDOT Harbors Ter	nant Training Questionnaire
Name: Steven Goo Company: 1	Jiu Nursery Date: 9/15/16
 Which of the following activities can generate stormwater pollutants? a. Off-site tracking of sediment on paved roads. b. Uncontained aggregate handling between vessels and the shore. 	 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur. a. True. b. False.
 c. Uncontained equipment washing. d. All of the above. 2. True or False? Stormwater runoff normally discharges through the storm drain system	 7. Which of the following are good examples of BMPs? a. Pick up litter on the ground b. Promptly responding to a spill c. Using a drip pan for a leaking vehicle
and empties into the harbor without any treatment. a. True. b. False.	until maintenance can be completed d. All of the above 8. True or False? Mud and dirt on the ground should be washed down the storm drain
 3. Which of the following are permitted to be discharged into the storm drain? a. Unpolluted AC condensate water. b. Fish entrails, wash water, and spilled chemicals. 	using a water hose a. True b. False 9. If construction activities are planned for a
c. Unpolluted landscape irrigation water.	tenant space, what is required?

- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass. b. A non-stormwater discharge that poses a
 - risk to the environment. c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a.) Drums are inside and under cover.
 - b. Oil is not a pollutant.

d. a and c.

- c. Drums are properly marked and equipped with secondary containment.
- d. None of the above.



- - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
- All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

True. б. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Todd Myghara Company: GLP Asphalt Date: 9-14-16

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - 6 False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Paycheracter Company: BEI Havaii Date: 9/1

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - d. Uncontained equipment washing.

 d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - Unpolluted landscape irrigation water.

 d a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - c. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a.) True. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff

Control Manual.
All of the above.

- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - (a.) True.
 - b. False



2016 HDOT Harbors Tenant Training Questionnaire



Name: Robse	y YEE	Company: Pioneer Hachinery Dar	te: 9/15/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.

 True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
- Control Manual.
 All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: DC CARTER Company: TENCO Date: 14 SEPT 2016

- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.

True.

b. False.

- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - Drums are properly marked and equipped with secondary containment.

d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - (d) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose

a. True b. False

- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - (d) All of the above.
- True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.

(a) True.

b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Madesy Prett	Company:	Penso	Date:	09/15/16	

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - (d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a.) True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d. a and c.
- 4. What is the definition of an illicit discharge? a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
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 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Jessie Galaviz Company: Petrospect Date: 9/15/16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d. All of the above.
- 2. True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - a True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - d) a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - b. A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - C. Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a.) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d. All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
 - (b.) False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff Control Manual.
 - d. All of the above.
- 10. True or False? According to the Hawaii Revised Statutes, an environmental violation may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Uniel Somanini Company: Howaiian Cement Date: 9-10-16

- 1. Which of the following activities can generate stormwater pollutants?
 - a. Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing.
 - d) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - a and c.
- 4. What is the definition of an illicit discharge?
 - a. An illegal forward pass.
 - (b) A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- 6. True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - a. True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True b. False
- 9. If construction activities are planned for a tenant space, what is required?
 - Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - c. Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d.) All of the above.
- True or False? According to the Hawaii
 Revised Statutes, an environmental violation
 may lead to criminal penalties.
 - a. True.
 - b. False.



2016 HDOT Harbors Tenant Training Questionnaire



Name: Emily Odell	Company: _	Pacific	Shippads	Date:	9/14/2016
J		M T	, 0		

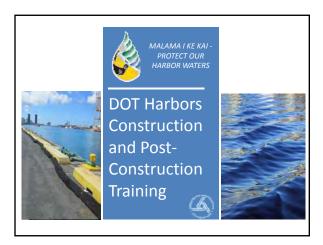
- 1. Which of the following activities can generate stormwater pollutants?
 - Off-site tracking of sediment on paved roads.
 - b. Uncontained aggregate handling between vessels and the shore.
 - c. Uncontained equipment washing. (d.) All of the above.
- True or False? Stormwater runoff normally discharges through the storm drain system and empties into the harbor without any treatment.
 - True.
 - b. False.
- 3. Which of the following are permitted to be discharged into the storm drain?
 - a. Unpolluted AC condensate water.
 - b. Fish entrails, wash water, and spilled chemicals.
 - c. Unpolluted landscape irrigation water.
 - (d.) a and c.
- What is the definition of an illicit discharge?
 a. An illegal forward pass.
 - A non-stormwater discharge that poses a risk to the environment.
 - c. Use of a stolen credit card.
 - d. An indecent cargo movement.
- 5. The picture below is a good example of Best Management Practice (BMP) because:
 - a. Drums are inside and under cover.
 - b. Oil is not a pollutant.
 - © Drums are properly marked and equipped with secondary containment.
 - d. None of the above.



- True or False? Every tenant that handles chemicals should have a spill kit on-site to promptly respond to spills that may occur.
 - (a) True.
 - b. False.
- 7. Which of the following are good examples of BMPs?
 - a. Pick up litter on the ground
 - b. Promptly responding to a spill
 - c. Using a drip pan for a leaking vehicle until maintenance can be completed
 - d.) All of the above
- 8. True or False? Mud and dirt on the ground should be washed down the storm drain using a water hose
 - a. True
- 9. If construction activities are planned for a tenant space, what is required?
 - a. Tenant must obtain consent from HDOT Harbors Division during the design phase.
 - b. Tenant must obtain permits from relevant agencies prior to the start of construction.
 - Tenant must follow the requirements of the Harbors Construction Site Runoff
 Control Manual.
- d. All of the above.
- True or False? According to the Hawaii
 Revised Statutes, an environmental violation
 may lead to criminal penalties.
 - a True.
 - b. False.

Attachment 6a

Construction and Post-Construction Training – Presentation Slides





Training Objectives

- Goals & Objectives
- Regulatory Background
- NPDES Permitting Program Overview
- Harbors Construction Site Runoff Control Program
- Harbors Post-Construction Stormwater Management in New Development and Redevelopment Program





Goals & Objectives

- To be good stewards of the environment
- To protect the environment
- Comply with environmental laws
 - National Pollutant Discharge Elimination System (NPDES) Permits
 - Municipal Separate Storm Sewer System (MS4) HAR 11-55, Appendix K
 - General Permit Authorizing Discharges of Storm Water Associated with Construction Activity – HAR 11-55, Appendix C
 - Consent Decree



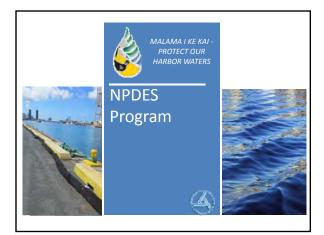
Regulatory Background

- 2003: NPDES permits from DOH for the storm drainage system at Honolulu Harbor and Kalaeloa Barbers Point Harbor.
 - Required to implement programs to minimize pollutants in runoff and the amount of runoff leaving the site.
- January 30, 2006: DOT entered into a consent decree with EPA and DOH.
 - Harbors was required to develop an EMS.
- November 5, 2014: DOT entered into a second consent decree with EPA and DOH.
 - Result is the requirement for increased vigilance in regards to implementation of stormwater programs.



- 2015: NPDES permit from DOH for Kahului Harbor
 - Required to implement programs to minimize pollutants in runoff and the amount of runoff leaving the site.







What is NPDES?

- The Clean Water Act includes the National Pollutant Discharge Elimination System (NPDES) program to regulate the discharge of pollutants from point sources to waters of the United States. Permitted discharges by DOH:
- Hawaii Administrative Rules (HAR) 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 (MS4)
- Appending
 Discharge
 Construct



 Appendix C: NPDES General Permit Authorizing Discharges of Storm Water Associated with Construction Activity



HAR 11-55, Appendix K



- General permit covers storm water and certain non-storm water discharges from small MS4s
- Develop, implement, and enforce a storm water management plan (SWMP)
- DOT Harbors Small MS4 Permits
 - HI 03KB482 Honolulu Harbor Permit
 - HI 03KB488 Kalaeloa Barbers Point Harbor Permit
 - HI 14KE352 Kahului Harbor Permit



What is an MS4?

- An MS4 is the drainage system that conveys stormwater to the receiving water, including:
 - Storm drain inlets, catch basins, and manholes.
 - Channels / canals.
 - Underground pipeline.
 - Outfalls.



 MS4s are classified based on population size or those located in an urbanized area as defined by the Bureau of Census.





MS4 Permit Requirements

- The Stormwater Management Plan (SWMP) details how DOT Harbors will comply with the permit:
 - Public Education.
 - Public Involvement.
 - Illicit Discharge Detection & Elimination.
 - Construction Site Runoff Control.
 - Post-Construction.
 - Pollution Prevention / Good Housekeeping.



HAR 11-55, Appendix C



- General permit that covers discharges composed entirely of storm water runoff associated with construction activities
- Develop and implement a storm water pollution prevention plan (SWPPP)
- Construction sites
 - Includes sites that disturb 1 acre or more
 - Includes sites smaller than one acre that are part of a larger common plan of development







Construction Site Runoff Control Program Training

- NPDES Small MS4 Permit
- Consent Decree
- NPDES Construction General Permit
- Stormwater pollution prevention practices
- City and County of Honolulu Best Management Practice Manual for Construction





MS4 Permit Stormwater Management Plan

- SWMP for Honolulu and KBPH is available online:

 http://hidot.hawaii.gov/harbors/library/storm-water-management/
- SWMP for Kahului Harbor under development
- Details procedures for complying with requirements of HAR 11-55, App K and the Consent Decree.
- Minimum Control Measure: Construction Site Runoff Control Program







MS4 Permit SWMP Definitions





- Penetration, turning, or moving of soil.
- Resurfacing of pavement where the ground is exposed.
- Grubbing where equipment is used to uproot vegetation.
- Does NOT include:
 - Grass or weed cutting.
 - Bush or tree trimming that leaves the soil intact.



MS4 Permit SWMP Definitions

- Exempted projects:
 - Minor land disturbance on a single lot (e.g., minor landscaping activities).
 - Post, pole, sign, and fencing installation.
 - Utility repair work.
 - Parking lot, driveway, and other paved surface repair.
 - Repair and maintenance activities.



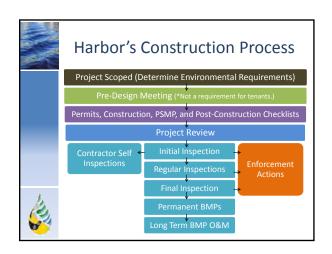














Consent Decree Requirements

- Construction Site Runoff Control Program elements:
 - Plan Review Procedures.
 - Design Review Checklist.
 - BMP Standards and Technical Specifications.
 - Refer to SWMP Construction Program, Att 6.
 - Construction and Post-Construction BMP inspections.
 - Training program for plan reviewer and inspectors.



Construction Design Review

- · Pre-Design Meeting.
- Documentation:
 - Notification Form for Project Less Than One Acre with BMP plan.



- Construction Design Review Checklist.
- Completed NPDES applications.
- Construction BMP plan sheets and details.
- Stormwater Pollution Prevention Plan.







Construction Review

- Project review after contract award:
 - Contractor completes Stormwater Pollution Prevention Plan and provides to the Construction Manager (CM).
 - CM will submit to Environmental Section (EE).
 - EE will send their comments to the CM through memorandum.
 - Harbors Division will issue Notice to Proceed to the contractor, specifying:
 - First work order is the installation of BMPs.
 - BMPs must be inspected prior to the start of any other work.
 - EE maintains an inventory of construction sites.







Reviewing Plans

- When conducting a plan review:
 - Identify location and size.
 - Identify where storm water will flow.
 - Identify waterways (e.g. coastline, canals) and storm drains.
 - Identify topography.
 - Identify ground cover and soil type.
 - Identify locations of potential pollutant source.
 - Land disturbance activities.
 - Staging areas.
 - Non-storm water.





Reviewing Plans

- Determine the scheduling / phasing.
 - Is the land disturbance activity planned for the dry season? (Apr - Sep)
 - Have there been efforts to minimize the disturbed area?
- Responsible parties.
 - Does the Stormwater Pollution Prevention Plan include the names or titles of parties responsible for:
 - Inspections?
 - Maintenance?
 - Recordkeeping?
 - Rain gauge monitoring?
 - · Incident reporting?



Reviewing Plans

- Have potential pollutants been addressed via BAT / BCT?
- Ensure there is a plan for final stabilization.
- Does the design include permanent BMP?
 - Non-exempt projects one acre and larger.
 - Does the project include LID?
 - How is ongoing maintenance addressed in the



Have the necessary permits been applied



Reviewing Plans

- If greater than or equal to 1 acre, determine whether BMPs adequately address potential pollutants and the requirements of HAR 11-55, App. C.
 - BMPs should be based on expected amount, frequency, intensity, and duration of rain events in the area. (Typically: 2 yr, 24 hr



- Refer to City and County of Honolulu BMP manual for design details.

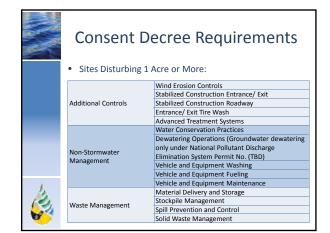


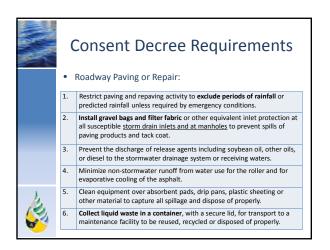


Consent Decree Requirements

Sites Disturbing 1 Acre or More:

Erosion Controls	Hydraulic Mulch
	Hydroseeding
	Soil Binders
	Geotextiles and Mats
	Wood Mulching
	Slope Drains
	Silt Fence
	Fiber Rolls
	Sediment Basin
	Gravel Bag Berm
Sediment Controls	Street Sweeping and/ or Vacuum
	Sand Bag Barrier
	Storm Drain Inlet Protection
	Scheduling
	Check Dam









Plan Reviews: NPDES Permit Minimum Measures

- Provide natural buffer if within 50' of state water.
 - Alternatives or exemptions may be applied based on site conditions.
- Install perimeter controls where water will flow.
- Minimize track-out.
 - Has a designated exit if equipment will be coming onto the site.
- Control stockpiles.
 - Use a temporary perimeter BMP or stabilize.
- Minimize dust.
- Minimize land disturbance on slopes.
- Attempt to limit grading to less than 15% slopes.
- Minimize soil compaction.
 - Restrict vehicle and equipment use.
 - Condition the soil prior to seeding.



Plan Reviews: NPDES Permit Minimum Measures

- Protect drain inlets.
 - Only required when storm water is not properly managed with another method.
- Contaminated stockpiles.
 - Prevent storm water from impacting stockpile. OR
- Prevent discharge of storm water from the area.
- Ensure non-storm water is contained (e.g. dewatering, concrete washout, vehicle washing).
- Written narrative for potential pollutant generating activities such as:
- Vehicle and equipment fueling.
 - Washing vehicles and paint applicators.
 - Storage, handling, and disposal of construction materials, products, and wastes.





Harbor's Inspections

- Initial Inspection:
 - Verify all BMPs are installed appropriately.
 - Deficiencies must be corrected prior to the start of other construction work.
- Regular Inspection:
 - Deficiencies must be corrected or enforcement will commence.
 - Inspector will provide the contractor with report in five (5) calendar days.



Harbor's Inspections

- Final Inspection:
 - When all the following conditions are met:
 - Construction is completed.
 - Exposed soil has been stabilized.
 - Remaining activities have minimal impact on stormwater runoff.
 - Document the conditions are met in the Additional Notes portion of the report.
 - Ensure that permanent BMPs are properly installed, if applicable.
 - Deficiencies must be corrected prior to issuance of final payment.







Harbor's Inspections

- **Review completed Contractor Self** Inspections:
 - For sites with NPDES permit:
 - Contractor's self inspections weekly AND within 24 hours of a 0.25 inch rainfall.
 - · Signed by duly authorized representative.
 - Ensure contractor has completed or has a plan for completion of maintenance and repair of BMPs.
 - Any changes to BMPs must be documented.



Harbor's Enforcement

- Escalating Policy for Enforcement
 - Harbor's Construction Enforcement
 - Oral or Verbal Warning
 - Written Warning
 - Issue Stop Work Order



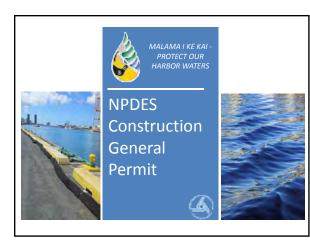




Harbor's Enforcement

- Enforcement Response Plan
 - Currently Developing
 - Escalating Policy for Enforcement that may include ability to assess liquidated damages, fines, and/or criminal penalties for noncompliance on construction projects









HAR 11-55, App C

- Submit a Notice of Intent and develop a Stormwater Pollution Prevention Plan (SWPPP) 30 days prior to the start of activities.
- Notify the DOH 7 days prior to start.
- Train personnel on BMPs.
- Install, inspect, and repair BMPs as necessary.
- Update SWPPP and maintain on-site.



Submit a Notice of Cessation when area has been stabilized.



HAR 11-55, App C

- General Permit Requirements.
 - NOI submitted via e-permitting website.
 - Permittee must complete and keep on-site:
 - SWPPP.
 - Record of changes to the SWPPP (complete in 7 days).
 - Monthly compliance reports.
 - Inspection reports (within 48 hours).
 - Corrective action reports (start within 24 hours and finish with 7 days).
 - All documents must be signed by certifying person or duly authorized representative.





HAR 11-55, App C

- SWPPP must include:
 - Personnel on the stormwater team.
 - Contractor and sub-contractor information.
 - Nature and sequence of construction activities
 - Description of sources of non-stormwater.
 - Potential sources of stormwater pollution and measures to reduce or eliminate.
 - Description of buffer option implemented.
 - Description stabilization practices and post-construction
 - Inspection, maintenance, and corrective action procedures.
 - Training documentation.
 - NGPC and other permits.
 - Documentation of UIC well requirements, if applicable.





- SWPPP must include a site map:
 - Locations of earth-disturbing activities. - Topography including slopes before and after grading.
 - Stockpiles locations.
 - Contaminated soils.
 - Direction of discharge to state waters and other drainage systems (Harbors MS4).
 - Entry/exit points.
 - Structures and impervious surfaces.
 - Staging area.
 - Boundary lines of buffer areas.
 - Potential pollutant activities and storage areas.





HAR 11-55, App C

- Natural Buffers:
 - Required when a state water is within 50 feet of ground disturbance.
 - Options:
 - Maintain a 50-foot undisturbed vegetated buffer.
 - If the buffer is less than 50 feet, also provide a double sediment control spaced 5 feet apart.
 - If there is no buffer, maintain a double sediment control spaced 5 feet apart and complete stabilization within 7 calendar days.
 - Delineate with flags, tape, or other marking.



HAR 11-55, App C

- Contractor Self-Inspection frequency:
 - For sites that are NOT discharging to impaired waters:
 - At least once every 7 days; OR
 - Once every 14 days and within 24 hours of a 0.25 inch
 - For sites that do discharge to impaired waters:
 - At least once every 7 days; AND
 - Within 24 hours of a 0.25 inch rain event and prolonged rain events.
 - Keep a rain gauge on-site!
 - Conducted by a qualified person.







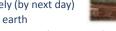
HAR 11-55, App C

- Corrective Actions:
 - Only for actions to stop or prevent a violation of water quality (HAR 11-54).
 - Fix the problem immediately (start the same
 - Significant repairs complete within 7 days.
- Corrective Action Report:
 - Within 24 hours: condition identified, date, time, and how it was identified.
 - Within 7 days: follow-up actions taken, summary of BMP modifications.



HAR 11-55, App C

- Stabilization is required:
 - Immediately (by next day) whenever earth





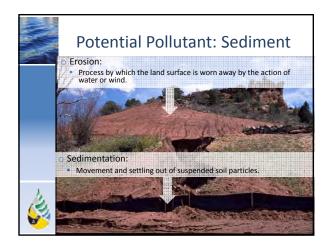
- Temporarily ceased means no activities within 14 calendar days or more.
- Deadline for completion: ASAP but no later than 14 calendar days after initiation.
- Deadline for sites discharging to impaired waters: 7 calendar days from the temporary or permanent cessation of earth disturbance.



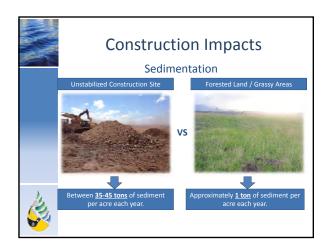








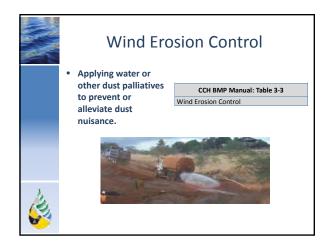




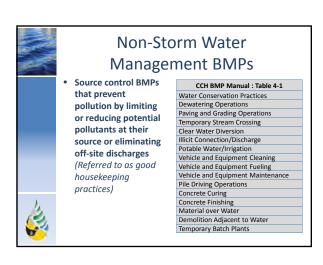
















BMP Installation, Inspection, and Maintenance

- Implementation/Installation
 - Refer to BMP Manual
 - Follow manufacturer specifications

Inspection

- Refer to BMP Manual
- Routine inspections
- Permit required inspections

Maintenance

- Performed required maintenance
- Repair or replace when necessary



Proper BMP installation, conducting routine inspections, and performing on-going maintenance is needed for all temporary BMPs!



Erosion Control: Preservation of Existing Vegetation (EC-2)

Implementation

- Avoid disturbing existing vegetation
- Clearly mark limits of disturbance and leave buffer

Inspection

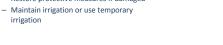
- Verify existing vegetation preserved
- Verify protective measures remain in



- Restore protective measures if damaged









Erosion Control: Soil Binders (EC-5)

Installation

- Roughen embankment and fill areas
- Apply to exposed soil surfaces
- Soil type dictates appropriate binder
- Follow manufacturer recommendations for application rates
- Requires a minimum curing time

Inspection

- Look for undercutting
- Identify areas where erosion has occurred



Reapply as needed





Erosion Control: Geotextiles and Mats (EC-7)

Installation

- Proper site preparation required
- Refer to manufacturer specifications
- Proper laying, securing, and anchoring

Inspection

- Geotextile and mat in contact with soil
- Lap joints are secure
- Undercutting



- Maintenance
 - Repair erosion or damage
 - Reinstall





Sediment Control: Silt Fence (SE-2)

Installation

- Trench 6-inches wide and 6-inches deep
- Bottom key-in a minimum of 12 inches
- Posts spaced a maximum of 6 feet apart
- Backfill and compact trench
- Follow BMP manual and manufacturer specifications

Inspection

- Undercutting, split, torn, slumping, etc.
- Sediment accumulation

Maintenance

- Repair or replace as needed
- Remove sediment accumulation when it reaches one-third of the barrier height







Sediment Control: Fiber Rolls (SE-5)

Installation

- Consist of straw, flax, mulch, or other material bound in tight tubular roll
- May require trenching and staking
- Install along contour
- Diameter and spacing requirements

Inspection

- Splits, tears, unraveling, slumping, etc.
- Undercutting
- Accumulated sediment

Maintenance

- Repair or replace as needed
- Remove sediment accumulation when it reaches one-half designated storage





Sediment Control: Storm Drain Inlet Protection (SE-10)

Installation

- Drainage area should not exceed 1-acre
- Requires area for ponding
- Requirements vary depending on device

Inspection

- Clogs, torn, holes, snags, degradation, etcAccumulation of sediment
- Maintenance
 - Frequent maintenance required
 - Repair and replace as needed
 - Remove sediment accumulation when it reaches one-third of barrier height





Temporary Tracking Control: Stabilized Construction Entrance/Exit (TR-1)

Installation

- Construct on level ground
- Select 3-inch to 6-inch diameter stone
- Minimum depth of stone 12-inches
- Length of 50-feet minimum and 30-feet minimum width
- Filter fabric

Inspection

- Check proper diameter stone used
- Accumulated or clogged with sediment



Maintenance

- Remove sediment
- Replace stone as needed





Implementation

- Locate temporary storage away from vehicular traffic and waterways
- Covered area if possible

Inspection

- Perimeter controls, containment structures, covers, liners
- Proper storage, labels





- Maintenance
- Repair or replace perimeter controls, containment structures, etc.
- Spill cleanup
- Maintain a clean and organized area



Waste Management & Materials Pollution Control: Stockpile Management (WM-3)

• Implementation

- Maintain adequate setback from waterways
- Requirements to be covered dependent on material and rainy/non-rainy season
- Stabilization measures may be required
- Perimeter control at base of stockpile

Inspection

- Adequately covered
- Proper perimeter sediment barrier undercutting, overtopping, torn

Maintenance

- Repair and/or replace covers
- Repair and/or replace perimeter controls





Take Away



- · All projects must be reviewed prior to start.
- Projects over 1 acre must include post-construction BMPs.
- Inspections are <u>required</u> by Consent Decree and NPDES permits.
- Inspections are an important tool to catch problems before they result in regulatory enforcement.
- Main goal is to ensure that pollutants are not contaminating receiving waters or MS4.
 - Best if potential pollutants can be kept on-site!
- It is cheaper to implement BMPs than pay the regulatory fine.
- Be familiar with City and County of Honolulu BMP manual, Harbor's SWMP programs, Consent Decree, and construction documents.







Post-Construction Stormwater **Management Program**

- Projects that result in a land disturbance of 1 acre or more (Regulated Projects) must consider the inclusion of post-construction
 - Guidance Documents:
 - 2015 Stormwater Management Plan (SWMP)
 - Post-Construction Stormwater Management in New Development and Redevelopment, Honolulu and Kalaeloa Barbers Point Harbors, 2014 (Post-Construction Manual)
 - Storm Water BMP Guide (CCH, 2012; Appendix C)
 - Rules Relating to Storm Drainage Standards (effective



SWMP Post -Construction **Definitions**



- Penetration, turning, or moving of soil.
- Resurfacing of pavement where the ground is exposed.
- Grubbing where equipment is used to uproot vegetation.
- Does NOT include:
 - Grass or weed cutting.
 - Bush or tree trimming that leaves the soil intact.







SWMP Post -Construction **Definitions**

- Exempted project examples (Post-Construction Manual, Section 1.2):
- Maintenance activities such as top-layer grinding, repaving (where all pavement is not removed) and reconfiguring surface parking lots.
- Reroofing.
- Interior remodeling and improvement.
- Routine maintenance to maintain original line and grade, hydraulic capacity, or original purpose of facility.
- Trenching and resurfacing associated with utility work.
- Replacement of damaged pavement.
- Emergency construction activities required to immediately protect public











SWMP Post -Construction **Definitions**

- Post Construction:
 - A BMP that will remain in place following construction to minimize the discharge of pollutants from activities on-site.
 - Develop an Operations and Maintenance Plan during design phase.











SWMP Post – Construction **Definitions**

- Low Impact Development (LID)
- "...mimic predevelopment site hydrology by using site design techniques that store, infiltrate, evaporate, and detain runoff..." (SWMP Section 3.4.1)











Post-Construction Stormwater Management Program

- Include in Design Review Submittal:
 - Post-Construction BMP Plan Checklist.

If PBMPs are required (Regulated Projects):

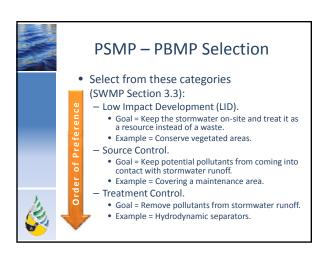
- Post-Construction Stormwater Mitigation Plan (PSMP).













PSMP – PBMP Selection and Design

- Refer to City and County of Honolulu resources (SWMP 2015, Section D):
 - Post-Construction Stormwater Management in New Development and Redevelopment, Honolulu and Kalaeloa Barbers Point Harbors, 2014
 - Storm Water BMP Guide (CCH, 2012; Appendix C)



 Rules Relating to Storm Drainage Standards (effective June 2013, CCH, 2000; Appendix D)



PBMP Installation and Tracking

- Construction Inspection (SWMP Section 4.0)
 - Prior to construction
 - During construction
 - Final Inspection
- Maintenance, Inventory and Recordkeeping (SWMP Section 5.0)
 - Site-specific Operation and Maintenance Plan, guidance provided in CCH Stormwater BMP Guide, or from product manufacturer.
 - PBMPs should be inspected at least annually or as specified in site-specific O&M plan.
- PBMPs are tracked in Harbor's AMS (Cityworks).



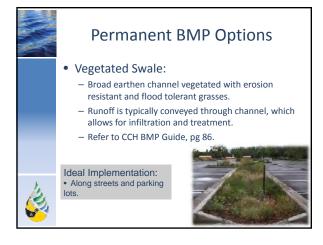
Enforcement

- Oral or Verbal Warning
- Written Warning
- Notice of Apparent Violation (NAV)
- Notice and Finding of Violation Order (NFVO)
- Stop Work Orders (as applicable) e.g. Issuance of Summons or Citation, including fines

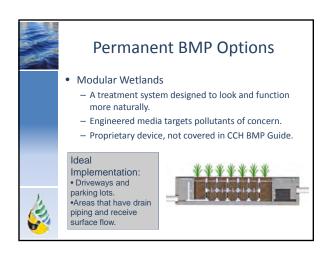


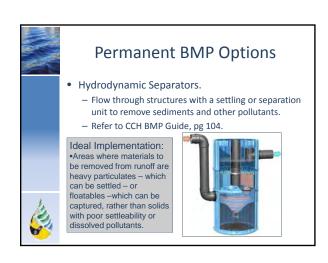


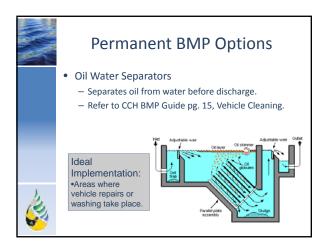


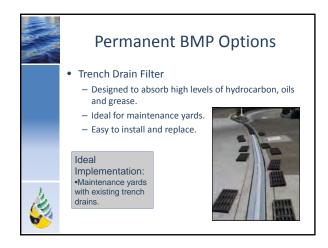


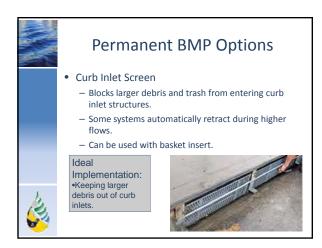




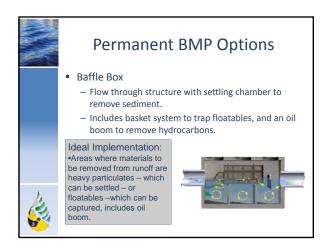










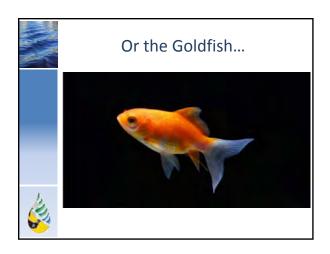




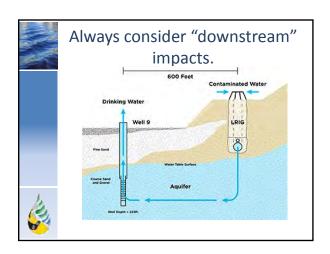














Take Away



- All projects must be reviewed prior to start.
- Projects over 1 acre must include postconstruction BMPs.
- Be familiar with City and County of Honolulu BMP manual, Harbor's SWMP programs, Consent Decree, and construction documents.



Questions



- Harbor's Website:
 http://hidot.hawaii.gov/harbors/library/storm-water-management/.
- Harbor's Contacts:
 - Stormwater Reporting Hotline: 587-1962.
 - Randal Leong, PE: 587-1962, <u>randal.leong@hawaii.gov</u>.
 - Spencer Yim, PE: 587-1963, spencer.k.yim@hawaii.gov.
 - Joy Zhang, PE: 587-1960, ying.j.zhang@hawaii.gov.



MALAMA I KE KAI - PROTECT OUR HARBOR WATERS

Attachment 6b

Construction and Post-Construction Training – Sign-In Sheets



HDOT Harbors small MS4 Stormwater Training Sign-in Sheet

C. C	H E	IDOT Harbors small MS4 Sto his training covers HDOT Harbors Co	HDOT Harbors small MS4 Stormwater Training Sign-in Sheet (This training covers HDOT Harbors Construction and Post-Construction programs)	7	- III
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No.	Name	Organization	E-mail Address	Phone #	Initials
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HDOT Harbors small MS4 Stormwater Training Sign-in Sheet

(This training covers HDOT Harbors Construction and Post-Construction programs)

ams) Jen Lowyy Trainer: Marleina Urereen,

No.	Name	Organization	E-mail Address	Phone #	Initials
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9	Lauren Young	HAR-EC	1 Junea, mt. young a howingo	S87-1870	N
7	Conner Luke	HARBORD ENGN	Carter, literaturali, quy	7381-LAS	4
∞	YING ZHONG	MAR-66	1'ng: J. Zhang @ hawai! gov	587-1960	(X)
တ	RANDER LEWY	lange Jee		2871962	3
10					
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13					
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Attachment 6c

Construction and Post-Construction Training – Completed Surveys



2016 HDOT Harbors Construction and Post-Construction Training Survey *Instruction: Please complete this survey and submit it to Harbors Engineering Branch Environmental* Section. MAHALO NUI LOA!

Name:	Weil	Asalo			Date: _	12/8/20	16
Compa	any / Office Code: _	00T-t	HAR-EC		Job Tit	tle Constancti	on Engine
1.	How does your job BMP relate	relate to stormw	vater?	or constru	ction	work.	
2.		onstruction and I of 1 to 5, circle ovant / useful, 5	one number:			nd useful?	
	1	2	3	4		5	
3.	What was the most	interesting thing	g you learned in	n this training	?		
4.	What other topics w	vould you like to	see covered in	n this training	?		
5.	Do you have any re training?	commendations	on how to imp	prove Constru	ction and	l Post-Constructio	n BMP
Please	provide additional	comments belo	w.				

2016 HDOT Harbors Construction and Post-Construction Training Survey *Instruction: Please complete this survey and submit it to Harbors Engineering Branch Environmental*



Section. MAHALO NUI LOA!

Name:	Spencer Yim_		Date:	12/8/16
Compa	any / Office Code: _	HAR-EE	Job Tit	tle:_Environ. Engineer
1.	How does your job As Environ vary relevan asset mana reporting	relate to stormwater?	ter in HAR-EE constance of	my job is freezence and
2.	On a scale of	onstruction and Post-Co of 1 to 5, circle one nur vant / useful, 5 = extre		nd useful?
	1	2 3	4	3
3.	The vagion	s BMPs over	earned in this training?	iction permanent
4.	More infor	rould you like to see co		on permanent
5.	training?	commendations on how	v to improve Construction and which to day would move autolicial	Post-Construction BMP Lyon Buff Low will Low pastreigntum
	provide additional of BMP provide additional of the BMP provide ad	comments below.	is played were het info. Lan to in grieces	vag helpful.

2016 HDOT Harbors Construction and Post-Construction Training Survey Instruction: Please complete this survey and submit it to Harbors Engineering Branch Environmental



Section. MAHALO NUI LOA!

Name:	:Steven Dale	******	***************************************	_ I	Date:12-8-16
Compa	any / Office Code:	HAR-EP	7.014	_ Job Title ₋	_HMP Project Manager
1.	How does your job re I am the GIS	elate to stormwate and AMS admin			
2.		struction and Pos 1 to 5, circle one ant / useful, 5 = e	number:	_	vant and useful?
	1	2	3	4	5
3.	What was the most in The available The construct	BMP examples.		Ü	1.
4.	What other topics wo	uld you like to se f reduction, plast			noval.
5.	training?	mmendations on		· Constructio	n and Post-Construction B
lease	provide additional co	mments below.			

2016 HDOT Harbors Construction and Post-Construction Training SurveyInstruction: Please complete this survey and submit it to Harbors Engineering Branch Environmental



Section. MAHALO NUI LOA!

Mark Yamabe			Date: <u>12/09/16</u>				
any / Office Code:	HAR-ED			Job Title_	Project Engineer		
			er-related conse	nt decree			
On a scale	e of 1 to 5, circle	e one number:		levant and u	useful?		
1	2	3	4	5			
			_				
			_				
training?			prove Construct	ion and Pos	st-Construction BM		
provide additiona	l comments bel	ow.					
	Any / Office Code: How does your joe Design of HAR joe On a scal 1 = not result of the least of	How does your job relate to storm Design of HAR jobs must comply Did you find the Construction and On a scale of 1 to 5, circle 1 = not relevant / useful, 1 2 What was the most interesting this I liked being able to see/touch act What other topics would you like Products recently used by HAR Do you have any recommendation training? Include lessons learned from HAF	How does your job relate to stormwater? Design of HAR jobs must comply with stormwater. Did you find the Construction and Post-Construction as scale of 1 to 5, circle one number: 1 = not relevant / useful, 5 = extremely result in the product of the product o	How does your job relate to stormwater? Design of HAR jobs must comply with stormwater-related consessing of HAR jobs Did you find the Construction and Post-Construction Training refore a scale of 1 to 5, circle one number: 1 = not relevant / useful, 5 = extremely relevant / useful 2 3 4 What was the most interesting thing you learned in this training? I liked being able to see/touch actual BMP products. What other topics would you like to see covered in this training? Products recently used by HAR Do you have any recommendations on how to improve Construct training? Include lessons learned from HAR jobs	How does your job relate to stormwater? Design of HAR jobs must comply with stormwater-related consent decree Did you find the Construction and Post-Construction Training relevant and to On a scale of 1 to 5, circle one number: 1 = not relevant / useful, 5 = extremely relevant / useful 1 2 3 4 5 What was the most interesting thing you learned in this training? I liked being able to see/touch actual BMP products. What other topics would you like to see covered in this training? Products recently used by HAR Do you have any recommendations on how to improve Construction and Postraining? Include lessons learned from HAR jobs		



2016 HDOT Harbors Construction and Post-Construction Training Survey *Instruction: Please complete this survey and submit it to Harbors Engineering Branch Environmental* Section. MAHALO NUI LOA!

Name:	Carter Luke		Administration (A. A. A	Date:1	2/9/16	
Compa	ny / Office Code: _	DOT Ha	arbors Engineerin	g Job Title	: Engineering Program	Mgr
1.	How does your job a Port Engineering rea facets of the engineer interface with our E	quires an exte ering process	nsive understandin for planning, Desig	gn, Maintenanc	ain infrastructure. All e and Construction	
2.		of 1 to 5, circl	d Post-Construction e one number: 5 = extremely relevant	C	ant and useful?	
	1	2	3	4	5	
3.	What was the most Post Construction B					
4.	What other topics w A segment with "ha					
5.	training?		•		n and Post-Construction	ВМР
Please	provide additional o	comments be	low.			
		~,,			**************************************	

Attachment 7 Harbors Employee Survey and Results Summary

2016 HDOT Harbors Employee Stormwater Awareness Survey

Please complete this survey and email it to Ms. Ying "Joy" Zhang of Harbors Engineering Branch Environmental Section at Ying. J. Zhang@hawaii.gov by August 31, 2016. MAHALO NUI LOA!

Note: One best possible answer per question.

Naı	me: Office	e Code:		Date:
ł	What is the definition of an illicit discla. An indecent cargo movement b. A non-stormwater discharge that prisk to the environment c. Drinking water entering the storm	ooses a	:	Plastic is considered biodegradable, because it can break down into smaller pieces. a. True b. False
2. V	d. None of the above Which of the following activities can generate stormwater pollutants?			How can you help reduce trash? a. Recycle reusable materials b. Burn trash in the backyard c. Throw trash into the ocean
ŀ	 a. Fueling without proper containment b. Uncontained aggregate handling between vessels and the shore c. Uncontained vehicle washing d. All of the above 	nt	8.	Which of the following guidelines apply to the storage and use of fertilizer, pesticide, and herbicides? a. Store chemicals in the sun
S	What is required when an illicit dischasuspected at your harbor? a. If on Oahu, call Harbor Traffic Co Unit at (808) 587-2076			b. Apply during a rain event c. Follow the manufacturer's instructions d. None of the above
(b. Contact your supervisorc. Stand and watch the discharged. a or b			Check with your local county for advice on how to dispose of unwanted household chemicals. a. True
a l	How can you prepare for the rainy sea: a. Sweep loose debris from property b. Unclog storm drains and gutters c. Cover outdoor metal to prevent rus d. All of the above		10.	Mud and dirt that is tracked onto the street should be swept up. a. True b. False
g a l	Which of the following can be consider good workplace BMPs? a. Clean up spills/leaks promptly using methods b. Provide applicable training to employees c. Hose down outdoor work areas dated. d. a and b only	ng dry	11.	Which of the following can be considered good BMPs at your home? a. Use a rain barrel b. Reroute your car wash water to your lawn c. Install turf blocks, gravel, or permeable pavement

d. All of the above

Comments:













Search / Filter

Results for: 2016 Mandatory HDOT Harbors Employee Stormwater Awareness Survey

2016 Mandatory HDOT Harbors Employee Stormwater Awareness Survey

Please complete this mandatory survey by August 31, 2016.

Note: One best possible answer per question.

^{*1)} Please provide your full name here:

ID	Email	First Name	Last Name	Responses (211)	View
12599760				Joy Zhang	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIIDGHLK_80ea
12660918				Randal Leong	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIJKNFKC_b222
12705600				Gregg Hirokawa	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIJK_dd7c
12705605				KATHY MIYAHIRA	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIJN_ad16
12705633				JAME K SCHAEDEL	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIIH_6f580
12705671				IRIS K. CRAIG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIMJ_e53a
12705691				Christopher Murphy	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKICJ_7bb9
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12705812				Mark M. "Dutch" Hanohano	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKGKI_20f7
12705861				Don H Minoda	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKGLJ_f6bfb
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ID	Email	First Name	Last Name	Responses (211)	View
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ID	Email	First Name	Last Name	Responses (211)	View
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12741271				Everette Oliveira	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMMJ_98d^
12741274				Rosie Kapanui- Sula	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMMO_e8b
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12741308				Anthony Dela Cruz	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLJC_af8e7

ID	Email	First Name	Last Name	Responses (211)	View
12741313				Neil Asato	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLKH_2147
12741340				Davis Yogi	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNK_c5393
12741343				ANTHONY VALDEZ	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNH_5c30
12741345				Janice Otaguro	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNN_b553
12741347				Logan Williams	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNL_5b5da
12741350				Calvin Woo	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLOK_dc220
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12741421				Spencer Yim	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHJ_e12bt
12741424				Louis Nobriga	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHO_9141
12741429				Allen Alejo	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHB_eff03
12741434				Donovan Canile	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKIO_885a3
12741436				Douglas Correia	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKIM_6654
12741439				Peter Diego	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKIB_f6eb0
12741441				Gilbert Pacheco Jr	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKNJ_b771
12741444				Dennis Rodriguez	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKNO_c71b
12741589				Marshall Socaponio	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOJBB_14ddb
12743633				Shayna Asuncion	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMIIH_bfb3fa
12743652				Rea Estepa	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMIOI_9eee6
12743660				Brandie Shimabukuro	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMILK_5bcd5
12743749				Cherinne Nihipali	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHNB_11e5
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12743754				Amy Iritani	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHOO_764f

ID	Email	First Name	Last Name	Responses (211)	View
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12743759				Lena Wang	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHOB_8fed
12743762				Jo=Ann Higashi	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHLI_b4015
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12743863				Carol Yamaguchi	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMGLH_c85a.
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12746520				Wesley Kawamoto	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJHK_a39d4
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12746539				Corey Romero	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJIB_6afe5c
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12746550				Kenneth Meatoga	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJOK_45784
12746555				Gregg Morishige	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJON_3512I
12746558				Judson Ventar	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJOC_4ba3c
12746561				Gary Tsuzuki	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJLJ_19522
12746567				Joe Ganton	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJLL_f03184
12746568				Richard Isa	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJLC_608e9

ID	Email	First Name	Last Name	Responses (211)	View
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12746586				Neal Miyasato	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJBM_19b50
12746589				J. Dejesus	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJBB_890a8
12746591				R. Agpalsa	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCJ_9eca3
12746592				A. Chu	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCI_7c36cc
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12746595				K. Kono	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCN_99a7f
12746596				Ronald Kapuniai	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCM_aea8c
12746601				Jackie Ferguson- Miyamoto	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIJJ_4d4e38
12746606				Elmer Hirano	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIJM_d32aa
12746627				Edmond Fu	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIHL_961bf
12746689				Eric Leong	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIBB_8b4c3
12746796				Randy Castillo	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHHCM_32a7
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12746799				Jason Nishigata	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHHCB_9395
12746810				Nelson Kaloa	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGKK_29cc^
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12746832				Keith Chikamori	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGII_f5f417
12746833				Layne Sunada	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIH_82f32
12746835				Jon McKee	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIN_6b908

ID	Email	First Name	Last Name	Responses (211)	View
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12746837				Clayton Niibu	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIL_859ea
12746840				Michael Felix	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGNK_54bb
12746879				Dean Ibana	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGMB_64a0
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12746903				Aurelio Preza	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHFJH_a81c
12748971				Albert Castro Jr`	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIFFMJ_e98c9
12748974				Clifford Ontai	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIFFMO_99e6
12748995				David Markle	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIFFCN_7062
12749002				Robert Gayer	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGOJI_88a90
12749008				Clyde Nishigata	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGOJC_687ca
12749016				Mario Argones	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGOKM_96df
12749240				Rafael Inso	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGMNK_14f7
12749652				Alan Murakami	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIOI_f1538
12749657				Curtis Badua Sr.	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIOL_8139
12749659				Dave Aina	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIOB_6681
12749663				Hilton Berido	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGILH_ad796
12749684				Harold Britan	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIBO_ad9e
12749685				Patrick Santos	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIBN_da996
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ID	Email	First Name	Last Name	Responses (211)	View
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12751648				John Liftee	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOINC_f049.
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12751654				Sandra Nihi	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOIOO_e0e4
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12751798				Carol-Ann Hodson	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOHCC_4428
12751800				Jonathan Yee	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOGJK_9060
12751852				Felino S Padilla	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOGOI_319a
12755393				Charles Alejandro	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHKLCH_5b9c
12757937				Peter Kumasaka	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHIFIL_180c7
12759934				Clyde Aina	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHGFIO_7856
12760603				Dre Kalili	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKKNIJH_fceb5
12892722				William Makanui	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIDDLHHI_6117

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 $^{^{*}}$ 2) Please provide your Office Code (e.g., HAR-EE) here:

ID	Email	First Name	Last Name	Responses (211)	View
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12705605				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIJN_ad16f544)
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ID	Email	First Name	Last Name	Responses (211)	View
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12711894				HAR-EP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOGCO_b34fed7
12711898				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOGCC_baf9a156
12711899				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOGCB_cdfe91ck
12711900				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOFJK_6422f811
12711903				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOFJH_fd2ba9ab

ID	Email	First Name	Last Name	Responses (211)	View
12712071				HAR	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLLOMJ_4100ca2
12714788				HAR-MKK	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLJHBC_9f602713
12714807				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLJGJL_cc5af7b7)
12715012				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKOKI_138404a
12715054				HAR-EM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKOOO_9e8b644
12715322				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKLHI_3aefe93e
12715327				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKLHL_4a851db
12717904				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFJO_462463d4
12717906				HAR-OO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFJM_a82a02f8
12717911				HAR-OO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFKJ_2f55a61a)
12717953				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFOH_a537023.
12717976				ALOHA TOWER	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFMM_e76b943
12717979				ALOHA TOWER	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFMB_77d489ad
12717987				ALOHA TOWER	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFBL_17f4b866
12717991				ALOHA TOWER	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFCJ_e78c2c12
12717996				ALOHA TOWER	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFCM_79e8b9b
12718037				HAR-OO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFOIL_a3b24a74
12718141				HAR-EP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFNNJ_45213b1
12718146				HAR-PM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFNNM_9a3686
12718417				HAR-ED	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFKKL_968d802
12720362				HAR-SI	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKONLLI_2efda6d8
12720719				HAR-ESP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKONHKB_f167414

ID	Email	First Name	Last Name	Responses (211)	View
12720848				HAR-ESP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKONGNC_f04bc2a
12723377				HAR-OO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLML_5539ccf
12723387				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLBL_d2a1d03
12723392				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLCI_bbd015f9
12723393				HAR-ESP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLCH_ccd7256
12723407				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKJL_1f374cba
12723415				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKKN_e8221cd
12723420				HAR	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKHK_b365bb
12723422				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKHI_5d6bdab
12723428				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKHC_bdbe33a
12723449				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKNB_9ce3a4b
12723464				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKLO_d064ba8
12723466				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKLM_3e6adba
12723468				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKLC_d9d2f6ad
12723470				HAR-SO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKMK_ce124fd
12723471				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKMJ_b9157f4
12723472				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKMI_201c2ef2
12723474				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKMO_c97f8bc
12723494				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKCO_57fca64
12723501				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJJJ_f79683b8
12723508				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJJC_8e4a3b10
12723512				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJKI_7784e343

ID	Email	First Name	Last Name	Responses (211)	View
12723513				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJKH_83d3d5)
12723517				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJKL_7ee17cc
12723523				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJHH_2bae80
12723526				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJHM_5bc474
12732256				HAR-EP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNLMOM_9416ba
12732562				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNLJLI_bd193b51
12734347				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNJLNL_dea38e3.
12734349				HAR-EM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNJLNB_391ba33
12734528				HAR-EM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNJJHC_1ccb489
12741058				HAR-EC	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOOOC_d0bf309
12741097				HAR-ESP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOOCL_ecb5620
12741241				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMNJ_b3fc6d12
12741250				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMOK_dde06cc
12741265				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMLN_86a7cb8
12741268				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMLC_f816b73-
12741271				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMMJ_98d13ed
12741274				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMMO_e8bbcat
12741280				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMBK_684e128
12741286				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMBM_812db7l
12741308				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLJC_af8e7a85
12741313				HAR-EC	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLKH_2147924
12741340				HAR	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNK_c53937b.

ID	Email	First Name	Last Name	Responses (211)	View
12741343				DEP-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNH_5c30660
12741345				HAR-SO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNN_b553c33
12741347				HAR-OCB	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNL_5b5da21
12741350				HAR-OCB	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLOK_dc2206f2
12741353				HAR-OCB	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLOH_452b574
12741421				HAR-EE	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHJ_e12bb62
12741424				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHO_914142a
12741429				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHB_eff03e14
12741434				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKIO_885a73e8
12741436				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKIM_665412c4
12741439				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKIB_f6eb0f55)
12741441				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKNJ_b77111a0
12741444				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKNO_c71be52
12741589				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOJBB_14ddbca9
12743633				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMIIH_bfb3faae)
12743652				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMIOI_9eee6dbe
12743660				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMILK_5bcd5f51
12743749				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHNB_11e5ef4
12743751				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHOJ_6255633
12743754				HAR-E	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHOO_764fa2b
12743755				HAR-S	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHON_148922a
12743757				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHOL_ef46f306

ID	Email	First Name	Last Name	Responses (211)	View
12743759				HAR-SI	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHOB_8fede01)
12743762				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMHLI_b401544a
12743843				HAR-ED	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMGNH_fa6c416
12743863				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMGLH_c85a23e
12743949				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMFNB_1b7bc24a
12743953				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIMFOH_e2b51a1
12746508				HAR-O	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJJC_36d43e8e
12746512				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJKI_cf1ae6d1)
12746518				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJKC_2fcf0fcf)
12746520				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJHK_a39d43e)
12746524				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJHO_d541027)
12746539				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJIB_6afe5ddb)
12746541				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJNJ_2b64432e
12746549				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJNB_25bfcb1c)
12746550				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJOK_457842f9
12746555				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJON_3512b676
12746558				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJOC_4ba3cacb
12746561				HAR-OE	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJLJ_195221ac)
12746567				HAR-OE	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJLL_f0318499)
12746568				HAR-OE	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJLC_608e9908
12746569				HAR-OE	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJLB_1789a99e
12746572				HAR-OE	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJMI_99404157

ID	Email	First Name	Last Name	Responses (211)	View
12746586				Harbor Police	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJBM_19b59981
12746589				Harbor Police	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJBB_890a8410
12746591				Harbor Police	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCJ_9eca3d63)
12746592				Harbor Police	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCI_7c36cd9)
12746593				Harbor Police	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCH_70c45c4f)
12746595				Harbor Police	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCN_99a7f97a);
12746596				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHJCM_aea8c0)
12746601				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIJJ_4d4e3873)
12746606				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIJM_d32aadd0
12746627				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIHL_961bffc4)
12746689				HAR-PM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHIBB_8b4c3a49);
12746796				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHHCM_32a7cae)
12746798				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHHCC_e49251a9
12746799				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHHCB_9395613f
12746810				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGKK_29cc14ae
12746831				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIJ_6cfd46ba)
12746832				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGII_f5f41700)
12746833				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIH_82f32796)
12746835				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIN_6b9082a3
12746836				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIM_f299d319
12746837				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGIL_859ee38f)
12746840				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGNK_54bbe0ek

ID	Email	First Name	Last Name	Responses (211)	View
12746879				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGMB_64a0b8c
12746899				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHGCB_98c9260
12746903				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIHFJH_a81c1e62
12748971				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIFFMJ_e98c9eba
12748974				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIFFMO_99e66a3
12748995				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIFFCN_70627720
12749002				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGOJI_88a9052c
12749008				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGOJC_687cec33
12749016				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGOKM_96dff075
12749240				Water Service	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGMNK_14f756b
12749652				HAR-OC3	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIOI_f1538dda
12749657				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIOL_81397955
12749659				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIOB_6681545
12749663				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGILH_ad79ee8f
12749684				HAR-M	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIBO_ad9e56a2
12749685				HAR-OM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIBN_da996634
12749689				HAR-OCM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGIBB_d32f2a1f)
12749690				HAR-OCM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGICK_b3e8a3fa
12749698				HAR-OCM	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGICC_bd332bc8
12749700				HAR-K	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGHJK_63e8728-
12749707				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIGHJL_fd8ce727
12751643				HAR-OCG	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOINH_679b8d5

ID	Email	First Name	Last Name	Responses (211)	View
12751648				HAR	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOINC_f04954da
12751652				HAR	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOIOI_9878c85)
12751654				HAR	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOIOO_e0e429b
12751657				HAR	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOIOL_79ed780&
12751787				DEP-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOHBL_cd816c7(
12751798				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOHCC_442540a
12751800				HAR-ED	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOGJK_906034er
12751852				HAR-OCO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHOGOI_319a18f)
12755393				HAR-OCO	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHKLCH_5b9ca6a@
12757937				HAR-SF	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHIFIL_180c76d)
12759934				HAR-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKHGFIO_7856e1e4
12760603				DEP-H	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKKNIJH_fceb55e3)
12892722				HAR-ESP	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIDDLHHI_6117804f

<< Hide

*3) Date (mm/dd/yyyy):

ID	Email	First Name	Last Name	Responses (211)	View
12599760				6/28/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIIDGHLK_80eab0b
12660918				07/20/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIJKNFKC_b22229b
12705600				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIJK_dd7c01ct
12705605				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIJN_ad16f544
12705633				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIIH_6f5803b2
12705671				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKIMJ_e53aa79
12705691				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKICJ_7bb98a1-
12705700				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKHJK_dcbe6bf6
12705708				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKHJC_d265e3d
12705717				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKHKL_5bc1cf16
12705781				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKHBJ_6360d16
12705812				8/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKGKI_20f77cad
12705861				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKGLJ_f6bfbbd1
12705883				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKGBH_8632f77
12705914				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMKFKO_c856b3a
12707229				08/06/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMIMHB_3b96bbl
12708441				08-07-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMFKNJ_3ff9f8ea
12708483				08/07/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKMFKBH_7d42d6d
12710765				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLNHLN_f030e17
12710796				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLNHCM_eea1ac0
12710858				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLNGOC_aef0893
12711021				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOOHJ_2ec2918

ID	Email	First Name	Last Name	Responses (211)	View
12711483				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOKBH_3d2ab0f
12711615				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIKN_60f7ae2)
12711626				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIHM_b42b789
12711629				8/8/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIHB_2494650
12711632				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIII_aa5d8dc3
12711638				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIIC_4a8864dd
12711642				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOINI_e51c1b04
12711645				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOINN_7b788ea
12711647				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOINL_9576ef8&
12711650				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIOK_12094b6
12711653				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIOH_8b001ac
12711656				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIOM_fb6aee5
12711662				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOILI_d72a7986
12711666				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOILM_d047bd9
12711668				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOILC_37ff9098
12711836				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOGIM_a7ae64c
12711845				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOGNN_71e6a3a
12711894				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOGCO_b34fed7
12711898				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOGCC_baf9a15
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12711903				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOFJH_fd2ba9ak

ID	Email	First Name	Last Name	Responses (211)	View
12712071				8/8/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLLOMJ_4100ca2
12714788				08/09/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLJHBC_9f602713
12714807				08/09/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLJGJL_cc5af7b7
12715012				08/09/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKOKI_138404a
12715054				08/09/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKOOO_9e8b64
12715322				08/09/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKLHI_3aefe93e
12715327				08/09/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLKLHL_4a851db
12717904				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFJO_462463d4
12717906				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFJM_a82a02f8
12717911				08/010/16	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFKJ_2f55a61a
12717953				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFOH_a537023
12717976				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFMM_e76b943
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12717987				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFBL_17f4b866
12717991				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFCJ_e78c2c12
12717996				08/05/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLIFCM_79e8b9b
12718037				8/10/16	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFOIL_a3b24a74
12718141				8/8/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFNNJ_45213b1
12718146				8/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFNNM_9a3686
12718417				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFKKL_968d802
12720362				08/11/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKONLLI_2efda6d8
12720719				08/11/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKONHKB_f167414

ID	Email	First Name	Last Name	Responses (211)	View
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12723377				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLML_5539ccf
12723387				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLBL_d2a1d03
12723392				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLCI_bbd015f
12723393				08/11/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMLCH_ccd7256
12723407				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKJL_1f374cb;
12723415				08/11/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKKN_e8221cc
12723420				08/11/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKHK_b365bb
12723422				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKHI_5d6bdates)
12723428				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKHC_bdbe33
12723449				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKNB_9ce3a4I
12723464				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKLO_d064ba
12723466				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKLM_3e6adb
12723468				08/10/16	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKLC_d9d2f6a
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12723471				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKMJ_b9157f4
12723472				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKMI_201c2ef
12723474				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMKMO_c97f8b
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12723501				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJJJ_f79683b8
12723508				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJJC_8e4a3b1
12723512				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJKI_7784e34

ID	Email	First Name	Last Name	Responses (211)	View
12723513				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJKH_83d3d5)
12723517				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJKL_7ee17cc
12723523				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJHH_2bae80
12723526				08/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKOMJHM_5bc4746
12732256				08/17/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNLMOM_9416ba
12732562				08-10-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNLJLI_bd193b51
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12734349				8/18/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKNJLNB_391ba33
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12741250				8-10-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMOK_dde06cc
12741265				8/11/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMLN_86a7cb8
12741268				8/10/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMLC_f816b734
12741271				8-10-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMMJ_98d13ed
12741274				8-9-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMMO_e8bbca5
12741280				8-10-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMBK_684e128
12741286				8-10-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMBM_812db7b
12741308				8-9-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLJC_af8e7a85
12741313				08/22/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLKH_2147924
12741340				8-11-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNK_c53937b;

ID	Email	First Name	Last Name	Responses (211)	View
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12741345				8-12-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNN_b553c33
12741347				8-5-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLNL_5b5da21
12741350				8-5-2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLOK_dc2206f:
12741353				8/5/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOLOH_452b574
12741421				8/15/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHJ_e12bb62
12741424				08/08/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKHO_914142a
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12892722				10/3/2016	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIDDLHHI_6117804

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*4) 1. What is the definition of an illicit discharge?

R	esponse (%)	Responses
a. An indecent cargo movement	1.42	3
b. A non-stormwater discharge that poses a risk to the environment	90.05	190
c. Drinking water entering the storm drain	0.47	1
d. None of the above	8.06	17
Answer	ed Question	211
Skipp	ed Question	0

*5) 2. Which of the following activities can generate stormwater pollutants?

	Response (%)	Responses
a. Fueling without spill containment	0.00	0
b. Uncontained aggregate handling between vessels and the shore	0.00	0
c. Uncontained vehicle washing	0.00	0
d. All of the above	100.00	211

Answered Question	211
Skipped Question	0

*6) 3. What is required when an illicit discharge is suspected at your harbor?

		Response (%)	Responses
a. If on Oahu, call Harbor Traffic Control Unit at (808) 587-2076	_	7.55	16
b. Contact your supervisor		2.83	6
c. Stand and watch the discharge		0.00	0
d. a or b		89.62	190
	A	nswered Question	211
		Skipped Question	0

*7) 4. How can you prepare for the rainy season?

	Response (%)	Responses
a. Sweep loose debris from property	0.95	2
b. Unclog storm drains and gutters	7.58	16
c. Cover outdoor metal to prevent rusting	0.00	0
d. All of the above	91.47	193
	Answered Question	211
	Skipped Question	0

*8) 5. Which of the following can be considered good workplace BMPs?

	Response (%)	Responses
a. Clean up spills/leaks promptly using dry methods	2.83	6
b. Provide applicable training to employees	0.94	2
c. Hose down outdoor work areas	0.00	0
d. a and b only	96.23	204
	Answered Question	211
	Skipped Question	0

*9) 6. Plastic is considered biodegradable, because it can break down into smaller pieces.

	Response (%)	Responses
a. True	9.48	20
b. False	90.52	191
	Answered Question	211
	Skipped Question	0

*10) 7. How can you help reduce trash?

	Response (%)	Responses
a. Recycle reusable materials	99.06	210
b. Burn trash in the backyard	0.47	1
c. Throw trash into the ocean	0.00	0
d. Take trash to work to dispose	0.47	1
	Answered Question	211
	Skipped Question	0

*11) 8. Which of the following guidelines apply to the storage and use of fertilizer, pesticide, and herbicides?

	Response (%)	Responses
a. Store chemicals in the sun	0.00	0
b. Apply during a rain event	0.00	0
c. Follow the manufacturer's instructions.	95.73	202
d. None of the above.	4.27	9
	Answered Question	211
	Skipped Question	0

*12) 9. Check with your local county for advice on how to dispose of unwanted household chemicals.

	Response (%) Responses
a. True	96.21	203
b. False	3.79	8
	Answered Question	211
	Skipped Question	0

13) *10. Mud and dirt that is tracked onto the street should be swept up.

	Response (%)	Responses
a. True	94.79	200
b. False	5.21	11
	Answered Question	211
	Skipped Question	0

*14) 11. Which of the following can be considered good BMPs at your home?

	Response (%)	Responses
a. Use a rain barrel	2.36	5
b. Reroute your car wash water to your lawn	3.77	8
c. Install turf blocks, gravel, and permeable pavement	3.30	7
d. All of the above	90.57	192
	Answered Question	211
	Skipped Question	0

15) Please provide your comments here, if any:

ID	Email	First Name	Last Name	Responses (8)	View
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12741421				Coordinating the employee stormwater awareness survey with the green calendar was a great idea!	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOKH
12741241				None.	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOMN
12741058				Thank you HAR-EE! Good job.	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKIOOC
12718417				mayamabe@yahoo.com	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFKKI
12718141				A good way to reduce waste is to avoid single-use plastics. bringing your own reusable bag and container/silverware is a good way to do this.	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLFNN
12714788				Nice job!	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLJHB0
12711626				Keep up the excellent work!	View (results-overview.php? mode=5&survey_ID=LBIHOK_e5116080&session_ID=KIKLOIHI

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Attachment 8a IDDE Training – Presentation Slides

HDOT – Harbors Division Illicit Discharge Detection & Elimination





MALAMA I KE KAI –
Protect Our Harbor Waters



Agenda



- Consent Decree
- Allowable Non-Storm Water Discharges
- Video: A Grate Concern
- Review of Common Illicit Discharges
- Questions/Comments
- City Works Demonstration

WHY MALAMA I KE KAI?





Consent Decree HDOT - Harbors



Includes requirements for:

- Tenants
- Construction and Post-Construction activities
- Outfall Inspections
- Storm Water Conveyance System Inspection and Cleaning
- Training Programs and Public Education

HDOT shall fully comply with all requirements of the Clean Water Act, as well as with the terms and conditions of all applicable NPDES Permits



No.15.b.i – HDOT-Harbors will:

- Conduct Illicit Discharge Detection and Elimination (IDDE)
 Program Training
 - → Annual Training of Marine Cargo Specialists and Grounds Supervisors on IDDE Procedures



No.16.a. – HDOT-Harbors shall:

• Clearly denote all allowable discharges to the storm sewer system (Allowable Non-Storm Water Discharges)

• Develop and promote <u>examples</u> of illicit discharges that are significant contributors of pollutants

Allowable Non-Storm Water Discharges



1. Daily Operations

- Water line flushing
- Air conditioning condensate
- Landscape irrigation
- Discharges from potable water sources and foundation drains

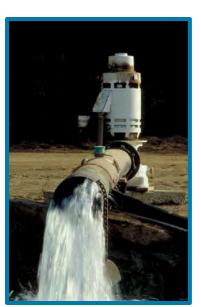
2. Groundwater

- Rising groundwater (tidal intrusion)
- Uncontaminated groundwater infiltration
- Uncontaminated pumped groundwater













Allowable Non-Storm Water Discharges



3. Natural Origin

- Springs
- Riparian habitat and wetland flows
- Diverted stream flows

4. Emergencies

 Discharge from fire fighting activities







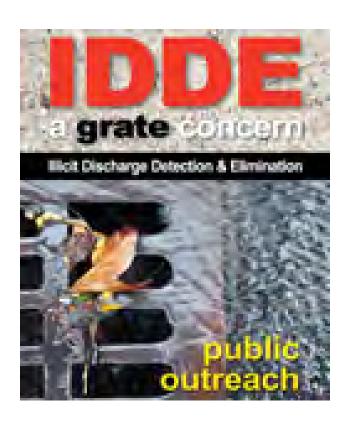






VIDEO Illicit Discharge Detection & Elimination: A Grate Concern





Illicit Discharge Definition

Illicit Discharge

A non-stormwater discharge (NSWD) that poses a risk to the environment (and is not in the allowable class)











No.16.b.i – HDOT-Harbors shall:

• Conduct site assessments (or Harbor Patrols) of high risk areas.

- Site Assessments are intended to:
 - ➤ 1) Identify active or recent illicit discharges
 - ▶ 2) Increase the field presence of HDOT-Harbors personnel→ deter illicit discharges



No.16.b.ii – HDOT-Harbors shall:

- Provide outreach activities during site assessments
 - ➤ Provide BMP fliers and other materials
 - Schedule of training
 - > Schedule of outreach activities
- Identify areas that would benefit from signs

Best Management Practices Fliers





Controlling Vessel Discharges BEST MANAGEMENT PRACTICES



Small Vessel Maintenance Activities

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

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

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

How to Comply (and Implement Best Management Practices)

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

When haul-out or drydock is not possible:

- Wash exterior surfaces with fresh water only, low pressure (<100ps) only. Wet sponges are preferred to rinsing.
- Clean with dry methods (sweeping, vacuuming, or damp mopping).
- Never use detergents or other chemicals
- · Painting to be performed on pier side of vessel only.
- Install a tarp or other containment device underneath all painting, grinding, or chipping. Magnets and poles work well to secure the tarps. Properly dispose of all captured debris removed from holl.
- Use anti-foulant paints with less toxic ingredients and never those with Tributyltin (TBT). Anti-foulant paints and other compounds containing TBT are prohibited for use throughout the United States.
- Never use chemicals, such as Naval Jelly (Phosphoric Acid) for rust or paint removal while vessel is still afloat.
- Never use any compounds that contain Tetrachloroethylene (TCE) for hull maintenance.
- Maintain the hull and all exterior surfaces more frequently to prevent the build-up of rust, marine growth, and aquatic nuisance species (invasive species).
- On Oahu, radio or call Aloha Tower at (808) 587-2076 BEFORE painting begins to allow for inspection by DOT Harbors. On Mauli Call 873-3350; On the Island of Hawaii: 933-9850; On Kauai: 241-3750.

The EPA issued a Small Vessel General Permit (sVGP) authorizing discharges incidental to the normal operation of nonmilitary and nonrecreational vessels less than 79 feet in length and commercial fishing vessels.

The permit specifies best management practices for such categories as: fuel management, engine and oil control, solid and liquid maintenance, gray water management, fish hold effluent management, and ballast water management.

A separate Vessel General Permit (VGP) addresses NPDES permit coverage for commercial vessels over79.

Website for more info: http://water.epa.gov/ polwaste/npdes/ vessels/

"Mālama i ke kai" - Protect Our Harbor Waters

Wissian 3 3, 09-25-2014

Available online: http://hidot.hawaii.gov/harbors/library/storm-water-management/

Illicit Discharge Prevention Signage

As stated in CD No. 16.b.ii:

• Recommendations for signs shall be made based on patterns of illicit discharges observed.













No.14.c.i – HDOT-Harbors shall:

- Install signs no later than 90 days after entry of CD
- Evaluate the need for additional signs annually
 - Take into account tenant use
 - ➤ Report information in ACR

Discussion Topic

3

- Suggestions for new signage:
 - > Fish Waste Container?

Bin located at Pier 18



Bin located at Pier 36



• Would signage be useful in any other areas?

Fox Valve System



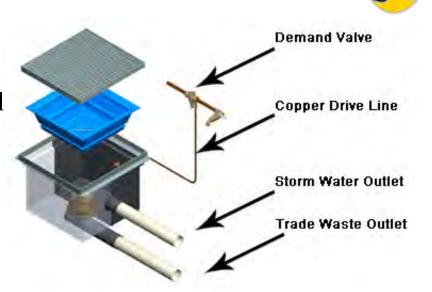


- The Fox Valve System is a source control/pollution control system located at **Pier 38** and consists of **8 hatches**.
- Normally only storm water enters the Pier 38 trench drain
- The Fox Valve ensures that wash water will go to the <u>sanitary</u> <u>sewer system</u> and **not** Harbor waters.



Fox Valve System

- Fish blood and guts are often spilled onto the Pier 38's deck during fish offloading.
- Wash water from 1 of the 8 hatches is used to wash the pier's deck
- Wash water must be directed to the trench drain
- When the wash water is turned ON, the Fox Valve is activated.
- When activated, the Fox Valve diverts used wash water that enters the trench drain to the sanitary sewer





Can you identify the potential pollution problem?







No.16.b.iii. – HDOT-Harbors shall:

Respond to violations identified during site assessments

• Initiate enforcement in accordance with the Enforcement Response Plan

Common Violations: Illicit Discharges





Washing Machines, Outdoor Hand Wash Stations, and Sinks Draining to Ground



Building/Equipment Power Washing – Unpermitted and Improperly Contained



Vehicle Washing – Unpermitted and Improperly Contained



Large Spills – Vehicle Maintenance, Material Storage, Fueling Operations



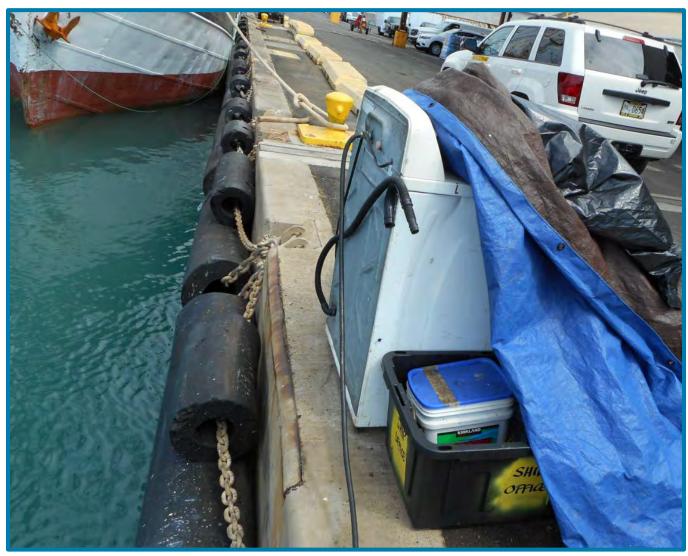
Petroleum Sheen During Rain Events and Debris from Painting Operations



Sediment Discharge Due to Construction Activities

Can you identify the potential pollution problem?





Common Illicit Discharges



• Outdoor hand wash stations, sinks, and washing machines, draining onto open surfaces







Can you identify the potential pollution problem?





Common Illicit Discharges

Building/Equipment Power
 Washing — Unpermitted and
 Improperly Contained







Common Illicit Discharges

Vehicle Washing : Unpermitted Improperly Contained









Vehicle and Equipment Washing



Only tenants who have approved washing plans are allowed to wash.

Proper BMPs include:



• Berm the area surrounding the vehicle



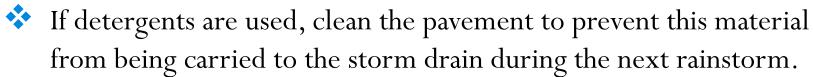
• Use a wet/dry vacuum to capture the wash water



Properly contain the wash water



• Dispose water according to permit



Vehicle and Equipment Washing









WHO IS APPROVED?

- 1. McCabe, Hamilton & Renny (Pier 23)
- 2. Young Brothers (Pier 40)
- 3. Matson (Pier 52)
- 4. Hawaii Stevedores (Pier 1 and Pier 51A)

Can you identify the potential pollution problem?





Can you identify the potential pollution problem?





Common Illicit Discharges

Spills from:

- Vehicle Maintenance
- Material Storage
- Fueling Operations
- Sand and Aggregate Bulk Operations









Can you identify the potential pollution problem?





Common Illicit Discharges

• Petroleum sheen

• Debris from painting operations.











• Sediment Discharge Due to Construction Activities

Harbors Projects

Environmental Section (808) 587-1962

Construction Section (808) 587-1866

Special Projects Section (808) 586-2455

Tenant Projects

Environmental Section (808) 587-1962

Property Management Section (808) 587-1944





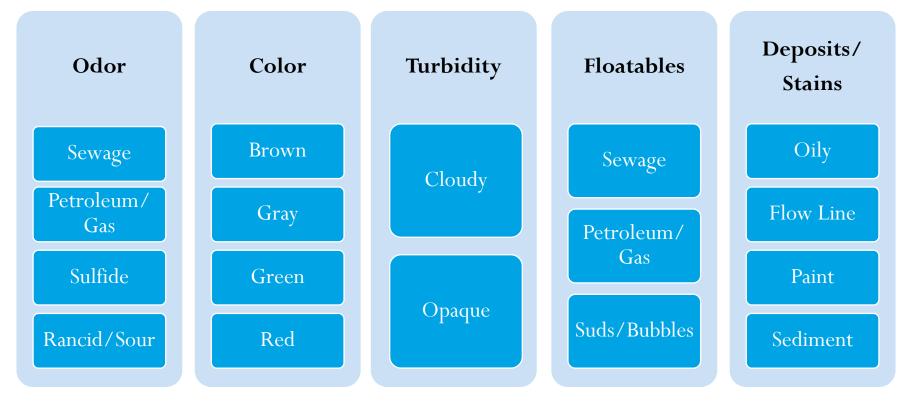




Illicit Discharge Investigation



• Indications of an Illicit Discharge during dry weather conditions:



• If any the indicators are observed, please notify the appropriate contact.

Illicit Discharge Investigation



Observe

- If a suspected illicit discharge is observed, STOP and investigate
- Take **notes** and **pictures**!

Trace

- Follow the discharge to locate the source
- **Speak** with local representatives (employees and tenant representatives) about the suspected illicit discharge

Report

- Call Harbors Traffic Control if it reaches the ocean
- Call Harbors Environmental Section

Document

• Fill out and submit CityWorks form: Suspected Illicit Discharge Reporting

Illicit Discharge Reporting





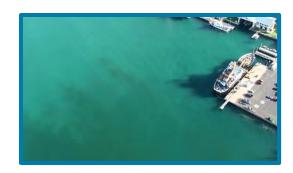
Discharge from vessel or pollutants are found in harbor water???

REPORT IT!!!

Harbor Traffic Control Unit (24/7)

(808) 587-2076





Discharge from **land based** sources??? **REPORT IT!!!**

Harbors Environmental Section (work hours)

(808) 587-1962





Storm Water Contacts



HARBORS CONTACTS – LAND BASED DISCHARGES

Harbors Environmental Section - (808) 587-1962

(808) 587-1976

(808) 587-1960

(808) 587-1963

Harbors Special Projects Section - (808) 586-2455

Harbors Construction Section - (808) 587-1866

Harbors Property Management Section - (808) 587-1944

DISCHARGES ON THE WATER OR FROM VESSELS

Marine Traffic Control Unit

(808) 587-2076

QUESTIONS OR COMMENTS?

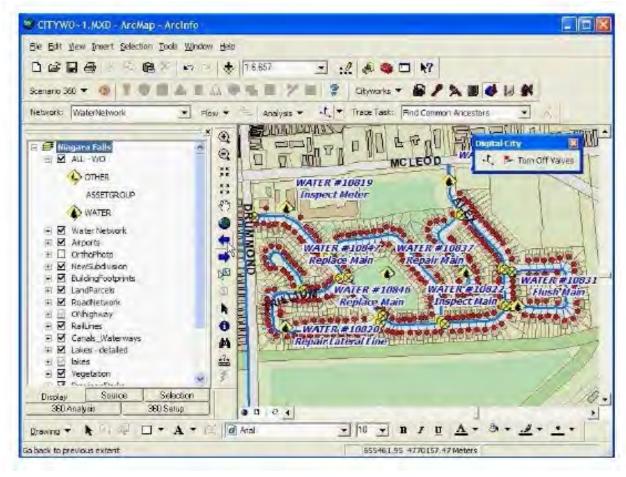
Please contact Harbors Environmental Section at (808) 587-1962



http://hidot.hawaii.gov/harbors/library/storm-water-management/







Attachment 8b IDDE Training – Sign-In Sheets

	Thusday, November 17, 2016.	(a):1300)-1400	Proceedings of the process of the contract of
	Name	Office	Signature
	Neil Takekawa	HAR-O	Chaop Com
	Joe Garcia	HAR-OCM	1200
	Alice Vangelder	HAR-QCM-	1
	Leeann "Kahea" Kaili	HAR-OC9	Kahea Kul
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Friday, November 18, 2016	at 1300 - 1400	
Name	Office	Signature
Paul Shimizu	HAR-OCM	(A)
Guy Galdeira	HAR-OCM	Dolla
Bob Bee	HAR-OCM	Sain. Br
Jeffrey Prather	HAR-(A)OC2	
SPENCER, YIM	HAR-EE	Spinen Offmi
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Monday, November 21, 2016	at 0600-0700	the state of the s
Name	Office	Signature
Gary Tsuzuki	HAR-OE	Se fee
Sergio Dupio	HAR-OE	Some
Joe Ganton	HAR-OE	Ve (110)
Richard Isa	HAR-OE	Luie

Mondey: Roxember 21, 2016	@#{ 0 }X0]0}=#{0(0(0)=	to the second
Name	Office	Signature
Logan Williams IV	HAR-OCB	INDUX I
Gregory Gomes	HAR-OCG	of the
Robert Mclean	HAR-OCG	Millinga
Ronald Kapuniai	HAR-OM (Letal Sam
Elmer Hirano	HAR-OM	Om Sun
Mike Felix	HAR-OM	
Mark "Dutch" Hanohano	HAR-OE	Meducken
Neal Miyasato	HAR-OE	
Jamie Schaedel	HAR-OE	7-7-1
Clarence Kimura	HAR-OCT	Chu Mike
Felino Padilla	HAR-OCO	Pelino S. Padilla
Jeffrey Prather	HAR-002	Oull 5 Mid
		9/

Tuesday, November 22, 2016	at 0700 - 0800	
Name	Office	Signature
Neal Miyasato	HAR-OE	031
Aaron Chu	HAR-OE	avia
Ronald Agpalsa	HAR-OE	ang
Ryan Fernandez	HAR-OE	848-C-
John Dejesus	HAR-OE	450
Charles Alejandro	YAR-OCO	cero
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Consent Decree: Illicit Discharge Detection and Elimination Meeting

Oahu District Conference Room

Wednesday, November	23, 2016 at 1500 - 16	00
Name	Office	Signature
Thomas Medeiros	HAR-OE	21 mil
John Todt	HAR-OE	J. Frot
Avery Jaena	HAR-OE	li fan
Chad Nishimura	HAR-OE	
David Lee	HAR-(A)OC1	
Alice Vongelder	HAR-000	Man Paule D
		(highway)
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Attachment 8c IDDE Training – Completed Questionnaires

	Thusday, November 17, 2016.	(a):1300)-1400	Proceedings of the process of the contract of
	Name	Office	Signature
	Neil Takekawa	HAR-O	Chaop Com
	Joe Garcia	HAR-OCM	1200
	Alice Vangelder	HAR-QCM-	1
	Leeann "Kahea" Kaili	HAR-OC9	Kahea Kul
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Guy Galdeira	HAR-OCM	Dolla
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David Lee	HAR-(A)OC1	
Alice Vongelder	HAR-000	Man Paule D
		(highway)
		<u> </u>

ILLICIT DISCHARGE DETECTION TRAINING 2016

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Kather Kouln (Lee Ann) Training Date: 11/17/16
Please Print
Office Code:
 Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson.
 2. 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) Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. d) Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. Wash water from vehicles, buildings and equipment. d) All of the above.
 5. If the activity of a Harbor tenant/user has the potential to pollute harbor waters, you should: a) Provide assistance. b) Ignore it. c) Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health.
 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training:
Suggestions for future signage:
Comments or questions:

ILLICIT DISCHARGE DETECTION TRAINING 2016

Instructions: Please complete this survey and sub-	mit it to Harbors Environmental Section.
Full Name: Jusana Garas Please Print Office Code: OCM	_ Training Date:
Please Print O/M	_ Training Date:
Office Code: UZIV	
 Everything that enters into the Harbors Division a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson. 	a's storm drain system winds up in
 2. How do you play a valuable role in protecting or a By preventing pollution in our storm water b) By ignoring illicit discharges. c) By dumping wastes down the storm drain. d) Both B and C. 	or State's ecosystem? runoff.
 3. To properly wash fish blood and guts from the sa) Wait for it to rain. b) Use a hose from United Fishing Agency to c) Call OCG for mops. d) Water from one of the Pier 38 water hatches 	wash down the pier.
 4. Which of the following are considered pollutant a) Oil and grease from vehicles and equipment b) Sediment from construction sites. c) Wash water from vehicles, buildings and eq d) All of the above. 	l.
 5. If the activity of a Harbor tenant/user has the po a) Provide assistance. b) Ignore it. C) Tell the party to stop the activity, notify Har Suspected Illicit Discharge Report Form. d) Call the Department of Health. 	tential to pollute harbor waters, you should: bor Traffic Control and HAR-EE, and fill out a
 6. What does a "rainbow sheen" on the surface of value a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event. 	water in a storm drain indicate?
Suggestions for future training:	
Suggestions for future signage:	
Comments or questions:	

Full Name: _	Gary Tsuzukt use Print JA12-06	Training Date: 11-21-19
Plea	se Print	
Office Code.	TAIN O	
1. Eve (b) (c) (d)	erything that enters into the I the Sand Island Sewage Tr the harbor waters. the groundwater. Lake Wilson.	Harbors Division's storm drain system winds up in reatment Plant.
(a) b) c)	y do you play a valuable role By preventing pollution in a By ignoring illicit discharge By dumping wastes down t Both B and C.	es.
a) b)	Wait for it to rain. Use a hose from United Fig. Call OCG for mops.	ishing Agency to wash down the pier. 38 water hatches must be used to activate the Fox Valve.
a) b) _c)\	or of the following are constituted of the following are constituted on Sediment from construction Wash water from vehicles, All of the above.	n sites.
a) b)	Provide assistance. Ignore it.	
a) h)	nat does a "rainbow sheen" of UH won. The presence of sewage. The presence of a petroleum A recent rain event.	on the surface of water in a storm drain indicate? m product.
Suggestions	s for future training: - S lac	ONT MANDARY UFDEDS DETWEEN TRAFMENC
Suggestions	s for future signage:	
Comments	or questions: - Gycelleur	I, IMFOUNTIEVE TIEAFOREAGE

Full Name:	uctions: Please complete this survey and submit it to Harbors Environmental Section. DWID SERGW C Training Date: 1/21/16
Ple	ease Print
Office Code:	:
a) <u>5</u> 5)	verything that enters into the Harbors Division's storm drain system winds up in the Sand Island Sewage Treatment Plant. the harbor waters. the groundwater. Lake Wilson.
	ow 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.
	Both B and C.
3. To	o properly wash fish blood and guts from the surface of Pier 38
4.1	Wait for it to rain.
b) c)	BB
	Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
a) b) c) (d)	Sediment from construction sites. Wash water from vehicles, buildings and equipment.
a)	
b)	
()	—Suspected Illicit Discharge Report Form.
d)	Call the Department of Health.
a)	That does a "rainbow sheen" on the surface of water in a storm drain indicate? UH won.
	The presence of a petroleum product.
	A recent rain event.
CO	ns for future training: WRVRR WRW FORMS OR PROCRAMARING
Suggestion /2	ns for future signage: NONGORLOTON SIVES BRFORE STARTS
Comment	on questions
	s or questions:

Instr	uctions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name:	RICHARD SA Training Date: 11-21-16
Office Code	
1. E- a) (D) c) d)	the groundwater.
2. Ho (a) b) c) d)	By ignoring illicit discharges. By dumping wastes down the storm drain.
3. To a) b) c)	Use a hose from United Fishing Agency to wash down the pier. Call OCG for mops.
4. W a) b) c) d)	Sediment from construction sites. Wash water from vehicles, buildings and equipment.
a) b)	
6. W a) b) Ø d)	The presence of a petroleum product.
	ns for future training: DEO CLASS
Suggestion	ns for future signage:

Comments or questions:

Instru	_	se complete this survey an	d submit it to Harbors Environmental Section.	
Full Name:	_J0€	GANTON	Training Date: _//- 2/- 1 6	
Office Code	ease Print :			
a)	the Sand Is the harbor the ground	land Sewage Treatment P waters. water.	ivision's storm drain system winds up in lant.	
2. Ho (a) (b) (c) (d)	By prevent: By ignoring By dumpin	ing pollution in our storm of gillicit discharges. gwastes down the storm d		
a) b)	Wait for it	to rain. from United Fishing Age	on the surface of Pier 38	
Ø			natches must be used to activate the Fox Valve.	
a)	Oil and gre Sediment fi Wash water	ase from vehicles and equi rom construction sites. r from vehicles, buildings		
a) b) ©)	Provide ass Ignore it. Tell the par Suspected	istance.	lutes harbor waters, you should: ify Harbor Traffic Control and HAR-EE, and fill o	out a
6. W a) b) C) d)	UH won. The present	ce of sewage. ce of a petroleum product.	ace of water in a storm drain indicate?	
Suggestion	ns for future to	raining:		
Suggestion	ns for future s	ignage:		
Comments	s or questions	:		

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: NEIL TAKE KAWA Training Date: 1/17/16 Office Code: HAR O
Please Print Office Code:
Office Code,
 Everything that enters into the Harbors Division's storm drain system winds up in the Sand Island Sewage Treatment Plant. the harbor waters. the groundwater. Lake Wilson.
 2. 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) Both B and C.
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Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Full Name: _	Mel	SHINKE	Training Date:	
Plear Office Code: _	se Print	- OCM		•
a) b) c)	rything that en the Sand Islan the harbor wat the groundwat Lake Wilson,	d Sewage Treatment Plar ers.	sion's storm drain system winds up in nt.	
b) c)	By preventing By ignoring ill	valuable role in protecting pollution in our storm wat icit discharges. astes down the storm drai	ter runoff.	
a)	Wait for it to r	ish blood and guts from thain. m United Fishing Agency		
c)	Call OCG for 1	nops,	thes must be used to activate the Fox Valve.	
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	Suspected Illic	o stop the activity, notify it Discharge Report Form rtment of Health.	Harbor Traffic Control and HAR-EE, and fill or .	ut a
a) l b) [JH won. The presence of	f sewage. f a petroleum product.	of water in a storm drain indicate?	
Suggestions	for future traini	ng:		
Suggestions	for future signa	ge:		
Comments on WATER	questions: A	18 Discusses TDISCHAN IN	D NOT SO MUCH STOL = (LAND SIDE) BUT ENOM WATER SIDE BORAPING PHINTING)	n 4 Le

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Guy GALICIRA Training Date: 04016, 2016
Please Print Office Code:
Office Code.
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Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Spl re Please Print Please Print Training Date: 11 18/16
Office Code:
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Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: ZOLACO KAPULIA Training Date: 11/21/16
Please Print Office Code: TAZ OM
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 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. c) Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out Suspected Illicit Discharge Report Form. d) Call the Department of Health.
 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Charles Training Date: Training Date:
Office Code:
 Everything that enters into the Harbors Division's storm drain system winds up in the Sand Island Sewage Treatment Plant. the harbor waters. the groundwater. Lake Wilson.
 2. 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) Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. d) Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. d) All of the above.
 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. c) Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health.
 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: LARENCE KIMURA Training Date: 11/21/16 Office Code: HAR-OCT
Office Code: 17/7/C - UCT
 Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson.
 2. 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) Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. d) Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. All of the above.
 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. C) Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health.
 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training: $\mathcal{N} \circ \mathcal{P} \in$
Suggestions for future signage:

Comments or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Dest Csf Horse Horse Training Date: 11/21/16 Please Print Office Code: HAR-OE
Please Print
Office Code: AFRICO E
 Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson.
 2. 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. Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
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 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. The presence of a petroleum product. d) A recent rain event.
Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Instru	ctions: Pleas	e complete this survey	and submit it to]	Harbors Environr	nental Section.
Full Name: _	Jeffrey	Prather OC 2	Trair	uing Date:	21-16
Ple	ase Print				
Office Code:	17ar-	002			•
a) (b) c)	erything that the Sand Isl the harbor w the groundw Lake Wilson	ater.	Division's storm tt Plant.	drain system wir	ıds up in
(a) b) c)	By preventing By ignoring	a valuable role in prong pollution in our storillicit discharges. wastes down the store	m water runoff.	s ecosystem?	-
a) b) c)	Wait for it to Use a hose for Call OCG for	from United Fishing A	gency to wash de	own the pier.	the Fox Valve.
a) b) c)	Oil and grea Sediment fro	lowing are considered se from vehicles and e om construction sites. from vehicles, buildin ove.	quipment.		nin system?
a) b)	Provide assist Ignore it. Tell the party Suspected II	a Harbor tenant/user p stance. y to stop the activity, n licit Discharge Report partment of Health.	otify Harbor Trat	•	IAR-EE, and fill out
a)	UH won. The presence	e of a petroleum produ		a storm drain ind	icate?
Suggestion	s for future tra	nining:			
Suggestion	s for future sig	gnage:			
Comments	or questions:				

Instru	ctions: Pleas	e complete this surve	ey and submit it t	to Harbors En	vironmental Section.
Full Name: _	Logan	Williams I	Tra	aining Date: _	11-21-16
Plea Office Code:	ise Print	LOUB			
Office Coup.	<u>:</u>		 	···	
a) 6		ater,		rm drain syste	m winds up in
(3) b) c)	By preventing By ignoring	a valuable role in page pollution in our stillicit discharges. wastes down the sto	orm water runof		n?
a) b) c)	Wait for it to Use a hose f Call OCG fo	rom United Fishing or mops.	Agency to wash	down the pic	
a) b) c)	Oil and grea Sediment fro	lowing are considered se from vehicles and om construction sites from vehicles, build ove.	l equipment.		rm drain system?
a) b)	Provide assis Ignore it. Tell the party Suspected II		, notify Harbor T rt Form.		nould: and HAR-EE, and fill out
a) b)	UH won, The presence	of a petroleum prod		in a storm dra	ain indicate?
Suggestions	s for future tra	ining:			
Suggestions	s for future sig	gnage:			
Comments	or questions:				

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Foling S. Paoli 119 Training Date: 11-21-16 Please Print
Office Code:
 Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson.
 2. 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. Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. All of the above.
 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. C) Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out Suspected Illicit Discharge Report Form. d) Call the Department of Health.
 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. b) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training: More Training and Training how to accept. int Teder! Suggestions for future signage:

Comments or questions:

r un isame: _	Training Date: 11/21/16
Plea Office Code:	SCHAEDEL, JAME K. Training Date: 11/21/16 ase Print HAR-OE
(a) (b) (c)	erything that enters into the Harbors Division's storm drain system winds up in the Sand Island Sewage Treatment Plant. the harbor waters. the groundwater. Lake Wilson.
(a) b) c)	w 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. Both B and C.
a) b) c)	properly wash fish blood and guts from the surface of Pier 38 Wait for it to rain. Use a hose from United Fishing Agency to wash down the pier. Call OCG for mops. Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
a) b) c)	or of the following are considered pollutants in the Harbors storm drain system? Oil and grease from vehicles and equipment. Sediment from construction sites. Wash water from vehicles, buildings and equipment. All of the above.
a)	he activity of a Harbor tenant/user pollutes harbor waters, you should: Provide assistance. Ignore it. Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form.
d)	Call the Department of Health.
a) b)	nat does a "rainbow sheen" on the surface of water in a storm drain indicate? UH won. The presence of sewage. The presence of a petroleum product. A recent rain event.

Comments or questions:

Suggestions for future signage:

PIER 19 PRAINS. Smill

Instructio	ns: Please complete	e this survey and subr	nit it to Harbors Envi	ronmental Section.
Full Name:	ROBERT 1	Mchean 10CG	Training Date:	11/21/16
Office Code:	rint HAR	1000		
1. Everyt a) the b) the c) the	hing that enters into	the Harbors Division ge Treatment Plant.		
(a) By b) By c) By	preventing pollutio ignoring illicit disc	e role in protecting or on in our storm water that ges. own the storm drain.	r State's ecosystem? unoff.	
a) Wa	ait for it to rain.	od and guts from the s		
ç) Ca	ll OCG for mops.	ed Fishing Agency to		
4. Which	of the following are	Pier 38 water hatches e considered pollutant	s in the Harbors storm	
b) Se	liment from constru	chicles and equipment ction sites. cles, buildings and eq		
a) Pro b) Igr (c) Tel Su	vide assistance. ore it.	arge Report Form.		uld: nd HAR-EE, and fill out a
a) UH b) The	oes a "rainbow shee won. presence of sewage presence of a petro ecent rain event.	en" on the surface of ve. e. bleum product.	vater in a storın drain	indicate?
Suggestions for	future training:			
Suggestions for	future signage:			
Comments or q	uestions: work	wlother A	boucces to	chean Govers
	Alack	ルルリファ	To rap A	LuBBist Fron
	ENTER	15 our HAR	Bows	

Instru	ctions: Pleas	se complete this survey and	d submit it to Harbors Environmental Se	ection.
Full Name:		Hiraha	Training Date: Nov. 24, 7	JOIL
Office Code:	ase Print	LR-OM		
1. Ev a) b) c) d)	the Sand Is	land Sewage Treatment Pl waters. water.	vision's storm drain system winds up in lant.	
(3) b) c)	By preventi By ignoring	ng pollution in our storm v ; illicit discharges. g wastes down the storm di		
a) b) g)	Wait for it to Use a hose Call OCG f	from United Fishing Ager or mops.	n the surface of Pier 38 ncy to wash down the pier. atches must be used to activate the Fox	Valve.
a)	Oil and great Sediment fr	ase from vehicles and equiporn construction sites. Trom vehicles, buildings a	•	·m?
a) b) ©	Provide assi Ignore it. Tell the part Suspected I	stance.	utes harbor waters, you should: fy Harbor Traffic Control and HAR-EE rm.	, and fill out a
6. Wh a) b) d)	UH won. The presence	e of sewage. e of a petroleum product.	ce of water in a storm drain indicate?	
Suggestion	s for future tr	aining:		
Suggestion	s for future si	gnage:		
Comments	or questions:			

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

As the control of the substitute of the substitu
Full Name: Auraus Fonald Kaus ka Training Date: 11-22 -10 Please Print
Office Code: SGU-SGT- HAK-OE
 Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson.
 2. 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. Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. All of the above.
 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out Suspected Illicit Discharge Report Form. d) Call the Department of Health.
 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. C) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section. Full Name: MYASATO New Training Date: 11-22-16 Office Code: 1. Everything that enters into the Harbors Division's storm drain system winds up in... a) the Sand Island Sewage Treatment Plant. (b) the harbor waters. the groundwater. d) Lake Wilson. 2. 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) Both B and C. 3. To properly wash fish blood and guts from the surface of Pier 38.... a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. Water from one of the Pier 38 water hatches must be used to activate the Fox Valve. 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. d) All of the above. 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health. 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event. Suggestions for future training: Suggestions for future signage:

Comments or questions:

	istructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Na	me: Ryan K Fernande 7, Training Date: 11/22/2016
Office (Tlease Filit
1.	Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. the harbor waters. c) the groundwater. d) Lake Wilson.
2	 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. Both B and C.
3.	 To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
4.	 Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. All of the above.
5.	 If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health.
6.	 What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. The presence of a petroleum product. d) A recent rain event.
Sugge	estions for future training:
Sugge	estions for future signage:
Comr	ments or questions: Thank Rothe info!!

Instruction	s: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Please Pr Office Code:	4.1
Office Code:	IMROB
a) the (b) the c) the	ning that enters into the Harbors Division's storm drain system winds up in Sand Island Sewage Treatment Plant. harbor waters. groundwater. ke Wilson.
(a) By: b) By: c) By:	you play a valuable role in protecting our State's ecosystem? preventing pollution in our storm water runoff. ignoring illicit discharges. dumping wastes down the storm drain. th B and C.
a) Wa b) Use c) Cal	perly wash fish blood and guts from the surface of Pier 38 it for it to rain. e a hose from United Fishing Agency to wash down the pier. Il OCG for mops. Iter from one of the Pier 38 water hatches must be used to activate the Fox Valve.
a) Oil b) Sed c) Was	of the following are considered pollutants in the Harbors storm drain system? and grease from vehicles and equipment. liment from construction sites. Is water from vehicles, buildings and equipment. of the above.
a) Problem (C) Tell Sus	ctivity of a Harbor tenant/user pollutes harbor waters, you should: vide assistance. ore it. I the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill of spected Illicit Discharge Report Form. Il the Department of Health.
a) UH b) The (C) The	oes a "rainbow sheen" on the surface of water in a storm drain indicate? won. presence of sewage. presence of a petroleum product. ecent rain event.
Suggestions for	future training:
Suggestions for	future signage:
Comments or qu	uestions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: John DeJusus
Please Print Office Code: HAR-OE
7, 4c -
 Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson.
 2. 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) Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. d) Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
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 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. ① Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health.
 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. d) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training:
Suggestions for future signage:
Comments or questions:

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

Full Name:	Perortes Appundos Training Date: 4/22/2000
Pleas	se Print
Office Code: _	
a) (b) c)	rything that enters into the Harbors Division's storm drain system winds up in the Sand Island Sewage Treatment Plant. the harbor waters. the groundwater. Lake Wilson.
(a) b) c)	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. Both B and C.
a) b) g)	Wait for it to rain. Use a hose from United Fishing Agency to wash down the pier. Call OCG for mops. Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
a) b) c)	ich of the following are considered pollutants in the Harbors storm drain system? Oil and grease from vehicles and equipment. Sediment from construction sites. Wash water from vehicles, buildings and equipment. All of the above.
a) b) ©	ne activity of a Harbor tenant/user pollutes harbor waters, you should: Provide assistance. Ignore it. Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out Suspected Illicit Discharge Report Form. Call the Department of Health.
a) b) (©)	at does a "rainbow sheen" on the surface of water in a storm drain indicate? UH won. The presence of sewage. The presence of a petroleum product. A recent rain event.
Suggestions	for future training:
Suggestions	for future signage:
Comments o	or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section.
Full Name: Thomas P. MEDEIROS Training Date: 11-23-11
Full Name: Thomas P. MEDEIROS Training Date: 11-23-16 Please Print Office Code: HAR-OF
 Everything that enters into the Harbors Division's storm drain system winds up in a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson.
 2. 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. Both B and C.
 3. To properly wash fish blood and guts from the surface of Pier 38 a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. d) Water from one of the Pier 38 water hatches must be used to activate the Fox Valve.
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 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event.
Suggestions for future training:
Suggestions for future signage:
Comments or questions:

Instructions: Please complete this survey and submit it to Harbors Environmental Section. Please Print Office Code: HAR 1. Everything that enters into the Harbors Division's storm drain system winds up in.... a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson. 2. 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) Both B and C. 3. To properly wash fish blood and guts from the surface of Pier 38.... a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. d Water from one of the Pier 38 water hatches must be used to activate the Fox Valve. 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. d) All of the above. 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. c) Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health. 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. The presence of a petroleum product. d) A recent rain event. Suggestions for future training: Suggestions for future signage: Comments or questions:

(a) Hard to enforce with no penalties or Consequences

(b) please include Dust control with Aggregate

off loading permit.

Instru	ictions: Plea	se complete this surve	y and submit it to Harbors Environmental Section.
Full Name:	John:	Todt	Training Date: _//-33 - 16
Ple	ase Print	AD-ME	
Office Code:	:	HE OL	
(a) (b) (c)	verything that the Sand Is the harbor withe grounds Lake Wilson	land Sewage Treatmer waters. vater.	s Division's storm drain system winds up in nt Plant.
(a) b) c)	By preventi By ignoring	ng pollution in our sto illicit discharges. gwastes down the ston	
a) b) c)	Wait for it t Use a hose t Call OCG for	o rain. from United Fishing A or mops.	from the surface of Pier 38 Agency to wash down the pier. er hatches must be used to activate the Fox Valve.
4. Wl a) b) c)	nich of the fol Oil and grea Sediment fro	lowing are considered se from vehicles and eom construction sites. from vehicles, buildin	pollutants in the Harbors storm drain system? equipment.
a) b)	Provide assist Ignore it. Tell the party Suspected II	stance.	pollutes harbor waters, you should: notify Harbor Traffic Control and HAR-EE, and fill of Form.
a)	UH won. The presence	e of sewage. e of a petroleum produ	urface of water in a storm drain indicate?
Suggestions	s for future tra	ining:	
Suggestions	for future sig	mage:	
Comments (or questions:		

Instructions: Please complete this survey and subm	it it to Harbors En	vironmental Section.
Full Name: DAVIO L. UEC Please Print	Training Date:	11/23/16
Office Code: HAR-0		
 Everything that enters into the Harbors Division' a) the Sand Island Sewage Treatment Plant. b) the harbor waters. c) the groundwater. d) Lake Wilson. 	s storm drain syste	m winds up in
 2. How do you play a valuable role in protecting our By preventing pollution in our storm water rule b) By ignoring illicit discharges. c) By dumping wastes down the storm drain. d) Both B and C. 	r State's ecosystem unoff.	?
 3. To properly wash fish blood and guts from the su a) Wait for it to rain. b) Use a hose from United Fishing Agency to v c) Call OCG for mops. d) Water from one of the Pier 38 water hatches r 	wash down the pie	r.
 4. Which of the following are considered pollutants a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. All of the above. 		rm drain system?
 5. If the activity of a Harbor tenant/user pollutes har a) Provide assistance. b) Ignore it. C) Tell the party to stop the activity, notify Harbor Suspected Illicit Discharge Report Form. d) Call the Department of Health. 		
 6. What does a "rainbow sheen" on the surface of wa a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event. 	ater in a storm drai	in indicate?
Suggestions for future training:		
Suggestions for future signage:		
NONE		
Comments or questions:		
# NOWE		

Instructions: Please complete this survey and submit it to Harbors Environmental Section. Full Name: CHAD C. NISUIMORA Training Date: 11-23-16 Please Print Office Code: 1. Everything that enters into the Harbors Division's storm drain system winds up in.... a) the Sand Island Sewage Treatment Plant. (b) the harbor waters. c) the groundwater.d) Lake Wilson. 2. 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) Both B and C. 3. To properly wash fish blood and guts from the surface of Pier 38.... a) Wait for it to rain. b) Use a hose from United Fishing Agency to wash down the pier. c) Call OCG for mops. Mater from one of the Pier 38 water hatches must be used to activate the Fox Valve. 4. Which of the following are considered pollutants in the Harbors storm drain system? a) Oil and grease from vehicles and equipment. b) Sediment from construction sites. c) Wash water from vehicles, buildings and equipment. All of the above. 5. If the activity of a Harbor tenant/user pollutes harbor waters, you should: a) Provide assistance. b) Ignore it. Tell the party to stop the activity, notify Harbor Traffic Control and HAR-EE, and fill out a Suspected Illicit Discharge Report Form. d) Call the Department of Health. 6. What does a "rainbow sheen" on the surface of water in a storm drain indicate? a) UH won. b) The presence of sewage. (c)) The presence of a petroleum product. A recent rain event. Suggestions for future training: Suggestions for future signage: Comments or questions:

Instructions: Please complete this survey ar	nd submit it to Harbors Environmental Section.
Full Name: ALICE R. VANGELDER	Training Date: 11-23-2016
Please Print Office Code:	
7,00	
 Everything that enters into the Harbors D a) the Sand Island Sewage Treatment F b) the harbor waters. c) the groundwater. d) Lake Wilson. 	ivision's storm drain system winds up in Plant.
 2. How do you play a valuable role in protect (a) By preventing pollution in our storm b) By ignoring illicit discharges. c) By dumping wastes down the storm d d) Both B and C. 	water runoff.
 3. To properly wash fish blood and guts from a) Wait for it to rain. b) Use a hose from United Fishing Age. c) Call OCG for mops. d) Water from one of the Pier 38 water h 	
 4. Which of the following are considered polar a) Oil and grease from vehicles and equited b) Sediment from construction sites. c) Wash water from vehicles, buildings and the above. 	llutants in the Harbors storm drain system? pment.
 5. If the activity of a Harbor tenant/user polls a) Provide assistance. b) Ignore it. c) Tell the party to stop the activity, notified Suspected Illicit Discharge Report Formation Call the Department of Health. 	fy Harbor Traffic Control and HAR-FF, and fill out a
 6. What does a "rainbow sheen" on the surfa a) UH won. b) The presence of sewage. c) The presence of a petroleum product. d) A recent rain event. 	ce of water in a storm drain indicate?
Suggestions for future training:	
Suggestions for future signage:	
Comments or questions:	

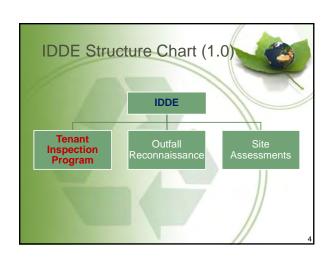
Attachment 9a

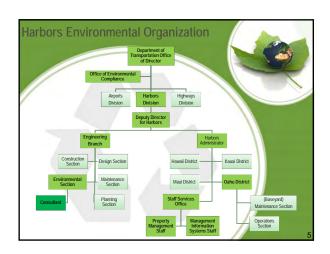
Inspector Training – Tenant Inspection Manual (TIM)
Presentation Slides











Tenant Requirements (1.3) All Harbors tenant lease agreements and RP include language stating that the tenant is responsible for compliance with all environmental laws and regulations. Regulated hazardous substances and marine pollutants are not allowed to be used, treated, stored, or disposed, unless they are incidental to normal operations of their business. Tenants desiring to develop improvement projects on Harbors property must obtain approval from Harbors prior to initiation of the project.

Inspection Types (2.2)



- Initial Site Inspection or New Tenant Inspection (within three months of occupancy; 2.2.1)
- Routine Inspection (2.2.2)
 - High: Semiannual
 - Medium: Annual
 - Low: Every five years + annual reconnaissance (2.2.3)
- Final Inspection (2.2.4)
- Investigation Inspection (2.2.5)
- Follow-Up Inspection (2.2.6)

Tenant Inspection Basics (4.1),



- Schedule at least one week in advance.
- Allowable non-SW discharges (4.2)
- Risk Ranking Criteria (4.3)
 - Low (≤ 5)
 - Medium (6 to 16)
 - High (>16 or 5 in certain individual criteria)
- Re-Evaluation

Inspection Forms



- Initial, Regular, and Final Inspection Form
 - Facility Information (One Page)
 - Inspection Checklist (Two Pages)
 - Tenant Risk Ranking Criteria (Three Pages)
- Low-risk Tenant Reconnaissance Inspection Form

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

Harbor: Date/Time: Weather Conditions:

Type of Inspection: | legate Department | Politic Date of Occupation: | P



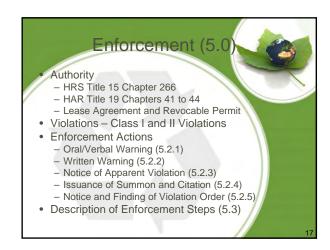


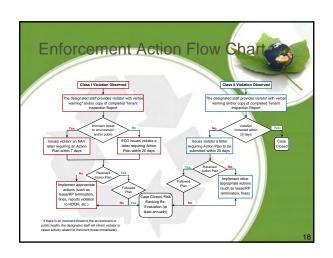
















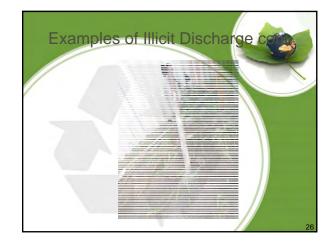












Take Away (in Attachment

- BMPs developed by Harbors HAR-EE (3)
- SW Hotline Occurrence Tracking Form (to be used by HAR-EE; 5)
- Suspected Illicit Discharge Reporting Form
 (7)
- List of Major Env Laws and Regulations (9)
- New Tenant Information Package (11)
- VGP (12)



Attachment 9b Inspector Training – Sign-In Sheets



HDOT Harbors Division Tenant InspectionTraining Sign-In Sheet



(This training covers HDOT Harbors TIM program training requirements)
- May 2, 2016

No.	Name	Organization	E-mail Address	Phone #	Initials
1	RENATO MANIULIT	ENV /HAZMAT SP.	REVATO MANIULIT@HAWAII. GOV	753-1347	Bon
2	ANNA FERNANCE	- ENV	anna.i. ferrandoz Chanaciga	586-2502	AP
3	NATE HUNTER	ETC	nhunter@gotoetc.com	839-T22)	NH
4	PATTI MINAKHED	HAR-RIM	Potti. e. mujas hi vo @ hawaii. gov	581-1942)w
5	CARL YOUNG	17	carl.g. young@howaii.gov		Ay/
6	ERIC LEONG	HAR-PM	evic-leong @hawaii-gov	587-1943	82
7	Calvert chun	ν, η	calvot change		
8			calvertest. churchawaii. 900	587-1944	2 6
9					
10					
11					
12					
13					
14					
15					



Name: Nate Hunter

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - a. True.
 - b. False.
- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
 - b. Three weeks.
 - c. Three days.
 - d. Three months.
- 3. When should a final inspection be conducted?
 - a. After the tenant leaves.
 - b. Prior to lease termination.
 - c. When they first move in.
 - d. None of the above.
- 4. When is a follow-up inspection required?
 - When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
 - c. Only if an illicit discharge is observed.
 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?
 - a. Annually.
 - b. Every 5 years.
 - c. Every 6 months.
 - d. Every 2 years.

Date: 5 2/16

- 6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.
 - a. True.
 - b. False.
- 7. What is the first step when conducting tenant inspections?
 - Review available records and develop an inspection plan.
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - a. True.
 - b. False.
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - c. Improper waste management.
 - All of the above.
- 10. Which of the following is an example of a Class I Violation?
 - a. Lack of recordkeeping in regards to spills that occur on-site.
 - b. Maintenance has not been conducted on a tenant's wash rack
 OWS within the past year.
 - c. Paint chips from sanding operations that are being washed into the harbor.
 - d. Tenant's trash bin appears to be overflowing.



	2016 HDOT Harbors Ins	spec	tor Quiz
ľ	Name: Ana Ferna	ad	a) Date: 5/2/16
Tei	True or False. Tenant inspections are only required for activities conducted on land. True. b. False. Within which of the following time periods	 7. 	True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted. a. True. b. False. What is the first step when conducting
۷.	Within which of the following time periods is an inspection required for a new tenant? a. Three years. b. Three weeks. c. Three days. Three months.		tenant inspections? A. Review available records and develop an inspection plan. b. Hold a tenant conference. c. Walk around and observe the site. d. Complete the inspection form.
3.	When should a final inspection be conducted? a. After the tenant leaves. b. Prior to lease termination. c. When they first move in. d. None of the above.	8.	True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge. a True. b. False.
1.	When is a follow-up inspection required?	9.	Which of the following conditions warrant a

- written warning? When an illicit discharge or
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - Improper waste management.

All of the above.

- 10. Which of the following is an example of a Class I Violation?
 - Lack of recordkeeping in regards to spills that occur on-site.
 - b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year.
 - c. Paint chips from sanding operations that are being washed into the harbor.
 - d. Tenant's trash bin appears to be overflowing.

b. Every 5 years.

c.) Every 6 months.

a. Annually.

facility.

observed.

high inspected?

d. None of the above.

5. How often are tenants who are risk ranked

violation is noted from tenant

b. When a tenant has been rude.

c. Only if an illicit discharge is



Name:

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - (a.) True.
 - b. False.
- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
 - b. Three weeks.
 - c. Three days.
 - d) Three months.
- 3. When should a final inspection be conducted?
 - a. After the tenant leaves.
 - (b) Prior to lease termination.
 - c. When they first move in.
 - d. None of the above.
- 4. When is a follow-up inspection required?
 - When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
 - c. Only if an illicit discharge is observed.
 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?
 - a. Annually.
 - b. Every 5 years.
 - ⟨c.⟩ Every 6 months.
 - d. Every 2 years.



True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.



True. False.

- 7. What is the first step when conducting tenant inspections?
 - Review available records and develop an inspection plan.
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - True.
 - b. False.
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - c. Improper waste management.
 - All of the above.
- 10. Which of the following is an example of a Class I Violation?



Lack of recordkeeping in regards to spills that occur on-site.

b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year.



Paint chips from sanding operations that are being washed into the harbor.

d. Tenant's trash bin appears to be overflowing.



Name:	LENAD)

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - a. True. b. False.
- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
 - b. Three weeks.
 - c. Three days.
 - d. Three months.
- 3. When should a final inspection be conducted?
 - After the tenant leaves.
 b. Prior to lease termination.
 - c. When they first move in.
 - d. None of the above.
- 4. When is a follow-up inspection required?
 - (a.) When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
 - c. Only if an illicit discharge is observed.
 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?

Annually.
Every 5 years.
C. Every 6 months.
d. Every 2 years.

6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.

True. b. False.

- 7. What is the first step when conducting tenant inspections?
 - Review available records and develop an inspection plan.
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.

(a.) True.

b. False

- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - d. All of the above.
- 10. Which of the following is an example of a Class-LViolation?
 - (a.) Lack of recordkeeping in regards to spills that occur on-site.
 - Maintenance has not been conducted on a tenant's wash rack
 OWS within the past year.
 - c. Paint chips from sanding operations that are being washed into the harbor.
 - d. Tenant's trash bin appears to be overflowing.



Name:	CARL	Youn	6	Date: 5	12-1	16

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - a. True.
 - b. False.
- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
 - b. Three weeks.
 - c. Three days.
 - d. Three months.
- 3. When should a final inspection be conducted?
 - a. After the tenant leaves.
 - b. Prior to lease termination.
 - c. When they first move in.
 - d. None of the above.
- 4. When is a follow-up inspection required?
 - a. When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
 - Only if an illicit discharge is observed.
 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?
 - a. Annually.
 - b. Every 5 years.
 - c. Every 6 months.
 - d. Every 2 years.

- 6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.
 - a. True.
 - /b.) False.
- 7. What is the first step when conducting tenant inspections?
 - a. Review available records and develop an inspection plan.
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - a. True.
 - b. False.
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - c. Improper waste management.
 - d) All of the above.

Which of the following is an example of a Class I Violation?

- a. Lack of recordkeeping in regards to spills that occur on-site.
- b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year.
- c. Paint chips from sanding operations that are being washed into the harbor.
- d. Tenant's trash bin appears to be overflowing.



Name: Calvert chun

Date: 5/2/16

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - a. True.
 - b. False
- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
 - b. Three weeks.
 - c. Three days.
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 - a. After the tenant leaves.
 - b. Prior to lease termination
 - c. When they first move in.
 - d. None of the above.
- 4. When is a follow-up inspection required?
 - When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
 - c. Only if an illicit discharge is observed.
 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?
 - a. Annually.
 - b. Every 5 years.
 - Every 6 months.
 - d. Every 2 years.

- 6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.
 - a. True.
 - b. False
- 7. What is the first step when conducting tenant inspections?
 - a. Review available records and develop an inspection plan
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - a. True
 - b. False
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - c. Improper waste management.
 - d. All of the above
- 10. Which of the following is an example of a Class I Violation?
 - a. Lack of recordkeeping in regards to spills that occur on-site.
 - Maintenance has not been conducted on a tenant's wash rack OWS within the past year.
 - c. Paint chips from sanding operations that are being washed into the harbor.
 - d. Tenant's trash bin appears to be overflowing.



Name: ERIC LEDA	$\int G = \frac{5/2/16}{2}$
Tenant Inspection Manual (TIM)	6. True or False: A discharge from potable water sources, such as melted ice, is
1. True or False. Tenant inspections are only required for activities conducted on land. a. True. b. False. in wath	considered an illicit discharge and is not permitted. AS LONG True. NOT CONTAN
 2. Within which of the following time periods is an inspection required for a new tenant? a. Three years. b. Three weeks. c. Three days. d. Three months. 	7. What is the first step when conducting tenant inspections? a. Review available records and develop an inspection plan. b. Hold a tenant conference. c. Walk around and observe the site. d. Complete the inspection form.
3. When should a final inspection be conducted? a. After the tenant leaves. b. Prior to lease termination. c. When they first move in. d. None of the above.	8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge. a. True. b. False.
 4. When is a follow-up inspection required? a. When an illicit discharge or violation is noted from tenant facility. b. When a tenant has been rude. c. Only if an illicit discharge is observed. d. None of the above. 	 9. Which of the following conditions warrant a written warning? a. Improper storage of batteries. b. Lack of proper labeling on drums. c. Improper waste management. d. All of the above. 10. Which of the following is an example of a Class I Violation?
5. How often are tenants who are risk ranked high inspected? a. Annually. b. Every 5 years. c. Every 6 months. d. Every 2 years.	 a. Lack of recordkeeping in regards to spills that occur on-site. b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year. c. Paint chips from sanding operations that are being washed into the harbor

d. Tenant's trash bin appears to be

overflowing.

Attachment 9c

Inspector Training – Completed Questionnaires



Name: Nate Hunter

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - a. True.
 - b. False.
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 - c. When they first move in.
 - d. None of the above.
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 - When an illicit discharge or violation is noted from tenant facility.
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 - c. Only if an illicit discharge is observed.
 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?
 - a. Annually.
 - b. Every 5 years.
 - c. Every 6 months.
 - d. Every 2 years.

Date: 5 2/16

- 6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.
 - a. True.
 - b. False.
- 7. What is the first step when conducting tenant inspections?
 - Review available records and develop an inspection plan.
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - a. True.
 - b. False.
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
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 - c. Paint chips from sanding operations that are being washed into the harbor.
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	2016 HDOT Harbors Ins	spec	tor Quiz
ľ	Name: Ana Ferna	ad	a) Date: 5/2/16
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- written warning? When an illicit discharge or
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - Improper waste management.

All of the above.

- 10. Which of the following is an example of a Class I Violation?
 - Lack of recordkeeping in regards to spills that occur on-site.
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 - d. Tenant's trash bin appears to be overflowing.

b. Every 5 years.

c.) Every 6 months.

a. Annually.

facility.

observed.

high inspected?

d. None of the above.

5. How often are tenants who are risk ranked

violation is noted from tenant

b. When a tenant has been rude.

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Name:

Tenant Inspection Manual (TIM)

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 - a. Annually.
 - b. Every 5 years.
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 - d. Every 2 years.



True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.



True. False.

- 7. What is the first step when conducting tenant inspections?
 - Review available records and develop an inspection plan.
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - True.
 - b. False.
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
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 - All of the above.
- 10. Which of the following is an example of a Class I Violation?



Lack of recordkeeping in regards to spills that occur on-site.

b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year.



Paint chips from sanding operations that are being washed into the harbor.

d. Tenant's trash bin appears to be overflowing.



Name: DENAND	Date: 5
T	

Tenant Inspection Manual (TIM)

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- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
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 - c. When they first move in.
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 - (a.) When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
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 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?

Annually.
Every 5 years.
C. Every 6 months.
Every 2 years.

6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.

True. b. False.

- 7. What is the first step when conducting tenant inspections?
 - Review available records and develop an inspection plan.
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 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.

(a.) True.

- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - d. All of the above.
- 10. Which of the following is an example of a Class 4 Violation?
 - a. Lack of recordkeeping in regards to spills that occur on-site.
 - Maintenance has not been conducted on a tenant's wash rack
 OWS within the past year.
 - Paint chips from sanding operations that are being washed into the harbor.
 - d. Tenant's trash bin appears to be overflowing.



Name:	CARL	YOUN	6	Date:	5/2/	16

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - a. True.
 - b. False.
- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
 - b. Three weeks.
 - c. Three days.
 - d. Three months.
- 3. When should a final inspection be conducted?
 - a. After the tenant leaves.
 - b. Prior to lease termination.
 - c. When they first move in.
 - d. None of the above.
- 4. When is a follow-up inspection required?
 - a. When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
 - Only if an illicit discharge is observed.
 - d. None of the above.
- 5. How often are tenants who are risk ranked high inspected?
 - a. Annually.
 - b. Every 5 years.
 - c. Every 6 months.
 - d. Every 2 years.

- 6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted.
 - a. True.
 - /b.) False.
- 7. What is the first step when conducting tenant inspections?
 - a. Review available records and develop an inspection plan.
 - b. Hold a tenant conference.
 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - a. True.
 - b. False.
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - c. Improper waste management.
 - d All of the above.

Which of the following is an example of a Class I Violation?

- a. Lack of recordkeeping in regards to spills that occur on-site.
- b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year.
- c. Paint chips from sanding operations that are being washed into the harbor.
- d. Tenant's trash bin appears to be overflowing.



Name: Calvert chun

Date: 5/2/16

Tenant Inspection Manual (TIM)

- 1. True or False. Tenant inspections are only required for activities conducted on land.
 - a. True.
 - b. False
- 2. Within which of the following time periods is an inspection required for a new tenant?
 - a. Three years.
 - b. Three weeks.
 - c. Three days.
 - Three months.
- 3. When should a final inspection be conducted?
 - a. After the tenant leaves.
 - b. Prior to lease termination
 - c. When they first move in.
 - d. None of the above.
- 4. When is a follow-up inspection required?
 - When an illicit discharge or violation is noted from tenant facility.
 - b. When a tenant has been rude.
 - c. Only if an illicit discharge is observed.
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 - Every 6 months.
 - d. Every 2 years.

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 - c. Walk around and observe the site.
 - d. Complete the inspection form.
- 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
 - a. True
 - b. False
- 9. Which of the following conditions warrant a written warning?
 - a. Improper storage of batteries.
 - b. Lack of proper labeling on drums.
 - c. Improper waste management.
 - d. All of the above
- 10. Which of the following is an example of a Class I Violation?
 - a. Lack of recordkeeping in regards to spills that occur on-site.
 - Maintenance has not been conducted on a tenant's wash rack OWS within the past year.
 - c. Paint chips from sanding operations that are being washed into the harbor.
 - d. Tenant's trash bin appears to be overflowing.



Name: ERIC LEDA	$\int G - Date: = \frac{5/2/16}{2}$
1. True or False. Tenant inspections are only required for activities conducted on land. a. True. b. False. 2. Within which of the following time periods is an inspection required for a new tenant? a. Three years. b. Three weeks. c. Three days. d. Three months.	6. True or False: A discharge from potable water sources, such as melted ice, is considered an illicit discharge and is not permitted. a. True b. False. 7. What is the first step when conducting tenant inspections? a. Review available records and develop an inspection plan. b. Hold a tenant conference. c. Walk around and observe the site.
3. When should a final inspection be conducted? a. After the tenant leaves. b. Prior to lease termination. c. When they first move in. d. None of the above.	d. Complete the inspection form. 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge. a. True. b. False.
 4. When is a follow-up inspection required? a. When an illicit discharge or violation is noted from tenant facility. b. When a tenant has been rude. c. Only if an illicit discharge is observed. 	 9. Which of the following conditions warrant a written warning? a. Improper storage of batteries. b. Lack of proper labeling on drums. c. Improper waste management. d. All of the above. 10. Which of the following is an example of a
d. None of the above. 5. How often are tenants who are risk ranked high inspected? a. Annually. b. Every 5 years. c. Every 6 months. d. Every 2 years.	Class I Violation? a. Lack of recordkeeping in regards to spills that occur on-site. b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year. c. Paint chips from sanding operations that are being washed
•	d. Tenant's trash bin appears to be

overflowing.



Name: ____Michelle Kwock_

a.) True.

(b.) False.

V 5/2014

Tenant Inspection Manual (TIM)

1. True or False. Tenant inspections are only

required for activities conducted on land.

2016 HDOT Harbors Inspector Quiz

Date: ____12/15/2016_____

Page 1 of 2

6. True or False: A discharge from potable

water sources, such as melted ice, is

permitted.

a. True.

(b.) False.

considered an illicit discharge and is not

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2.	Within which of the following time periods is an inspection required for a new tenant? a. Three years. b. Three weeks. c. Three days. d. Three months.	 7. What is the first step when conducting tenant inspections? (a.) Review available records and develop an inspection plan. b. Hold a tenant conference. c. Walk around and observe the site. d. Complete the inspection form.
3.	When should a final inspection be conducted? a. After the tenant leaves. b. Prior to lease termination. c. When they first move in. d. None of the above.	 8. True or False: Use the SHOT (Stormwater Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge. a. True. b. False.
4.	 When is a follow-up inspection required? (a) When an illicit discharge or violation is noted from tenant facility. b. When a tenant has been rude. c. Only if an illicit discharge is observed. d. None of the above. 	 9. Which of the following conditions warrant a written warning? a. Improper storage of batteries. b. Lack of proper labeling on drums. c. Improper waste management. d. All of the above. 10. Which of the following is an example of a Class I Violation? a. Lack of recordkeeping in regards to
5.	How often are tenants who are risk ranked high inspected? a. Annually. b. Every 5 years. c. Every 6 months. d. Every 2 years.	spills that occur on-site. b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year. c. Paint chips from sanding operations that are being washed into the harbor. d. Tenant's trash bin appears to be overflowing.

Outfall Reconnaissance Inventory (ORI)

- 1. What is the purpose of conducting an ORI?
 - (a.) To locate and eliminate illicit discharges.
 - b. To look for endangered species under the pier.
 - c. To spend some time in the sun.
 - d. None of the above.
- 2. True or False: An illicit discharge is something other than rainwater being discharged through the outfall, excluding allowable discharges listed in the permit such as condensate and fire fighting water.
 - (a.) True.
 - b. False.
- 3. When may a dry weather ORI be conducted?
 - a. When the tide is low.
 - b. When there is less than 0.1" of rain in the past 72 hours and the tide is low.
 - C. When there is less than 0.1" of rain in the past 72 hours regardless of tide.
 - d. At any time, annually.
- 4. What are some conditions that would deem an outfall too hazardous to personnel for water side inspection?
 - a. Water levels higher than 1-foot above mean lower low water.
 - b. Vessels being actively fueled in the area.
 - c. Netting which prevents kayak from easily exiting the under pier area.
 - (d.) All of the above.

- 5. True or False: All outfalls must be inspected during dry weather every two years. This inspection may be completed in the water where safe or on land via upstream drains.
 - (a.) True.
 - b. False.
- 6. Which of the following outfalls must be inspected annually?
 - a. All outfalls.
 - b. Outfalls characterized as obvious.
 - c.) Outfalls characterized as potential, suspect, or obvious.
 - d. Only those near high risk tenants.
- 7. What steps are required when a potential illicit discharge is noted?
 - Inspect the drainage area on land for potential sources using a windshield survey.
 - b. Refer to the drain maps and follow the line up stream.
 - c.) A & B.
 - d. None of the above.
- 8. Which of the following areas must be inspected during a wet weather ORI?
 - a. All outfalls.
 - (b.) High risk tenants and areas under construction.
 - c. Only those outfalls classified as potential, suspect, or obvious.
 - d. Medium and high ranked tenants.
- 9. True or False: A wet weather ORI requires that outfalls be inspected from the water.
 - a. True.
 - b. False.
- 10. Which of the following conditions in a flow indicate a potential illicit discharge?
 - a. Color and clarity.
 - b Odor
 - c. Sheen.
 - (d.) All of the above.

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Name: ____Daniel Amato_

Tenant Inspection Manual (TIM)

1. True or False. Tenant inspections are only

required for activities conducted on land.

2016 HDOT Harbors Inspector Quiz

Date: ____12/28/2016_____

6. True or False: A discharge from potable water sources, such as melted ice, is

permitted.

considered an illicit discharge and is not

(a) True. b. False.	a True. b False.
 Within which of the following is an inspection required for a range a. Three years. b. Three weeks. c. Three days. d. Three months. 	fanont inchactions'
 3. When should a final inspection conducted? a. After the tenant leave b. Prior to lease termina c. When they first move d. None of the above. 	Hotline Occurrence Tracking) form when conducting an inspection as a result of a complaint or an illicit discharge.
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 5. How often are tenants who are high inspected? a. Annually. b. Every 5 years. c. Every 6 months. d. Every 2 years. 	a. Lack of recordkeeping in regards to spills that occur on-site. b. Maintenance has not been conducted on a tenant's wash rack OWS within the past year. c. Paint chips from sanding operations that are being washed into the harbor. d. Tenant's trash bin appears to be overflowing.

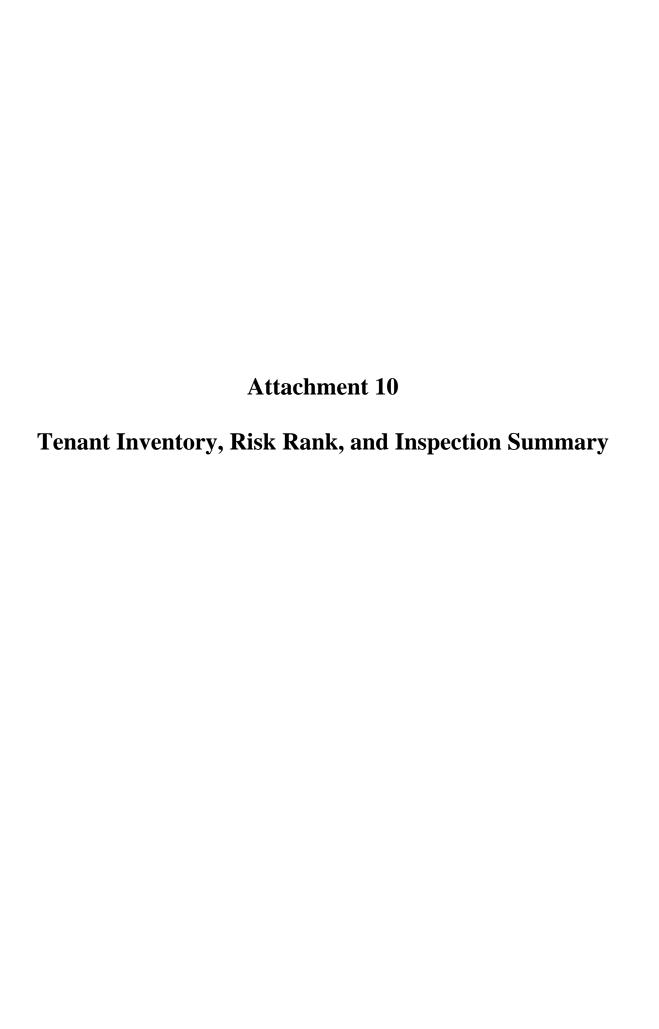
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Outfall Reconnaissance Inventory (ORI)

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 - a. Color and clarity.
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 - c. Sheen.
 - (d.) All of the above.

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Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
Aala Produce, Inc.	Aala Ship Service	Honolulu	Pier 32	Low	Rodney Tamamoto	(808) 522- 0550, (808) 478-8732	10/5/2016	Annual Recon
AES Kalaeloa Venture, LLC	AES Corporation	Kalaeloa	KBPH	Medium	Kevin Hanashiro	(808) 682- 3403, (808) 343-3903	10/5/2016	Regular
Aircraft Service International Group / Hawaii Fueling Facilities Corporation	ASIG/HFFC	Honolulu	Pier 51 A&B	Low	Glenn Jinbo	(808) 833- 3291 x29	11/18/2016	Annual Recon
Aloha Agricultural Consultants, Inc.	Niu Nursery	Honolulu	KIPA	Low	Sidney Goo	(808) 845- 5991, (808) 225-3507	10/10/2016	Annual Recon
Aloha Marine Lines	Aloha Cargo Transport, Inc., ACT, Northland	Honolulu	Pier 29	Low	Thomas Crescenzi	(808) 536- 7033, (808) 748-8790	10/21/2016	Annual Recon
Aloha Container	ACSR	Honolulu	Honolulu KIPA	Low	Richard D. Preston II (Rick Preston)	(808) 843- 8600, (808) 306-3748	10/10/2016	Annual Recon
Sales & Rental, Inc.	ACSR			N/A	Richard D. Preston II (Rick Preston)	(808) 843- 8600, (808) 306-3748	11/7/2016	Final
Aloha Tower Marketplace	AHI Aloha Associates, LLC; PM Realty Group, Aloha Tower Development Corporation (ATDC)	Honolulu	Pier 9	Low	Marlene Daley	(808) 528- 5700 or 566- 2310 (Both not reachable)	9/27/2016	Annual Recon
Amazon Construction Company, Inc.	Amazon	Honolulu	KIPA	Low	Duston Onaga	(808) 841- 6595	10/13/2016	Annual Recon
American Guard Services, Inc.		Honolulu	Piers 2/11	Low	Thoms Szymanski	(808) 537- 3201, (808) 690-5709	9/28/2016	Annual Recon
American Marine	American	Honolulu	Pier 14	Medium	DC Carter;	(808) 425-	9/29/2016	Regular

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
Corporation	Workboats, Inc.	KIPA	Pier 60 Open Yard and Warehouse	Low	Rusty Nall	3859, (808) 792-1181, (808) 479- 3905; (808) 545-5190, (808) 479- 5195	10/10/2016	Annual Recon
Atlantic Submarines	Atlantis Cruises and	Honolulu	Pier 27	Medium	Kenneth Bingham; Kekua "Kua" Keli'i	808-832- 6606, 808- 386-0123	12/13/2016	Regular
Hawaii, LLC	Submarines Atlantic Submarines	rioriolala	Pier 5	Low	Kenneth Bingham; Kekua "Kua" Keli'i	808-832- 6606, 808- 386-0123	9/27/2016	Annual Recon
BEI Hawaii		Honolulu	Pier 32	Low	Jonathan Sullivan	(808) 864- 2615; (808) 532-7448; (808) 535- 6025;	10/5/2016	Regular
Clean Islands Council		Kalaeloa	Pier 4	Low	Tim Sawyer, Pat Gillan	(808) 536- 5814	4/14/2016	Annual Recon
Concrete Coring Company of Hawaii, Inc.	Keehi Facility	Honolulu	Former Foundation of Building 911; KIPA	Low	John Neff / Nathan Sabey	(808) 488- 8222; (808) 330-7516	10/10/2016	Annual Recon
Dependable Hawaiian Express, Inc.	DHX, Inc.	Honolulu	Pier 21	Low	Kane McEwen; Joe Vele	(808) 841- 7311 ext. 1701	10/21/2016	Annual Recon
Erik Builders, Inc.		Honolulu	KIPA	Low	James M. Sakata	(808) 845- 7736	10/10/2016	Annual Recon
Foss Maritime Company	Moana Pa'a Kai, Inc.; Subsiduary of Young Brothers	Honolulu	Piers 20, 21, and 22	Medium	Nathan Kapule; Randal Lau	(808) 543- 9398; (206) 276-1898	12/16/2016	Regular
Frank P. White Jr. Properties	Container Storage Co.	Honolulu	KIPA	Low	Frank White; Gail Thometz	(808) 841- 5555	10/10/2016	Annual Recon

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
Fresh Island Fish, LLC		Honolulu	Pier 38	Low	Derek Higa	(808) 831- 4911	5/18/2016	Annual Recon
Friends of Falls of Clyde		Honolulu	Pier 7	Low	Chris Woolaway; Bruce Mcewan	(808) 753- 3311; (808) 543-9311, (808) 543- 9357	9/27/2016	Annual Recon
Friends of Hokule'a & Hawai'iloa		Honolulu	KIPA	Medium	Jay Dowsett	(808) 256- 1841	11/10/2016	Regular
Fukunaga, Paul N.	P.F. Marine	Honolulu	KIPA	Low	Paul N Fukunaga	(808) 842- 1330, (808) 220-9425	10/10/2016	Annual Recon
Gillis, Eugene	Excavation Services	Honolulu	KIPA	Medium	Eugene Gillis	(808) 383- 1959, (808) 292-7469	10/10/2016	Regular
GLP Asphalt, LLC	Asphalt Hawaii	Kalaeloa	KBPH	Medium	Sara Daniels	(808) 536- 2148	10/19/2016	Regular
Grace Pacific Corporation, LLC	GP Kalaeloa HMA Plant	Kalaeloa	КВРН	Medium	Joseph Shacat	(808) 203- 2805, (808) 348-4895	10/3/2016	Regular
Hawaii Maritime Center	Donald Bell	Honolulu	Pier 7	Low	Donald Bell	(808) 392- 5230, (808) 847- 3511	9/27/2016	Annual Recon
	Final inspection conducted at its Pier 51 Vehicle Processing Center	Honolulu	Pier 51	N/A		(808) 842-	2/29/2016	Final
Hawaii Stevedores, Inc.	Hawaii Stevedores, Inc.	Honolulu	Pier 1	Medium	Frank Roznerski	5389, (808) 864-4638; (808) 527-	11/18/2016	Regular
	The Pasha Group; Pasha Hawaii	Honolulu	Pier 1/51	Low		3415	3/15/2016	New
	Horizon Lines, LLC	Honolulu	Pier 51	High High			6/8/2016 11/18/2016	Regular Regular
Hawaiian Aqua Products, Inc.	Foo W. Lim & Sons, Inc.	Honolulu	KIPA	Medium	Yal M. Lim, Foo W. Lim, Evelyn Lim	(808) 521- 5468	12/8/2016	Regular

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
Hawaiian Cement		Kalaeloa	КВРН	Medium	Dane Wurlitzer	(808) 532- 3407, (808) 330-3910	10/25/2016	Regular
HC&D	Ameron Hawaii; 'Ameron International Corporation	Honolulu	KIPA	Medium	Linda Goldstein; June Ching	(808) 266- 2672	10/4/2016	Regular
Healy Tibbitts Builders, Inc.		Kalaeloa	КВРН	Low	Glen Toyama	(808) 368- 1581	6/7/2016	Annual Recon
Heumann, James	Wind & Sea Charters	Honolulu	Pier 34	Low	James M. Heumann	(808) 220- 7675	10/5/2016	Annual Recon
Honolulu Marathon Association		Honolulu	Pier 2	Low	Ronald Chun; Jeanette Chun; Valerie Lawson	(808) 255- 2602; (808) 946-0539; (808) 255- 2600	9/28/2016	Annual Recon
HPBS, Inc.		Honolulu	Pier 19	Low	Fay Leong; Blare; Captain David Lyman; Captain Steven Baker	(808) 532- 7233	12/21/2016	Annual Recon
Ishikawa, Norman & Dolores	Norman's Tractor Service	Honolulu	KIPA	Medium	William; Theresa Alcosiba; John Ishikawa	(808) 778- 1084; (808) 689-3644, (808) 778- 0344; (808) 218-9824	10/10/2016	Regular
Island Beach Activities		Honolulu	Pier 2	Low	John Salvio	(808) 223- 8735	9/28/2016	Annual Recon
ISS Marine Services, Inc.	Inchcape Shipping	Honolulu	Pier 1	Low	Ali Wong	(808) 521- 2111 ext. 18	9/28/2016	Annual Recon
Jas W. Glover, Ltd.		Honolulu	KIPA	Low	Keola Goo	(808) 591- 8977 ext. 321	10/10/2016	Annual Recon
Jems Enterprises, LLC	Hawaiian Ice Company	Honolulu	Pier 38	Medium	Marshall Joy	(808) 538- 6918 x107	11/1/2016	Regular

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
JFC International	Japan Food (Hawaii), Inc.; Davenport Hawaii Partners, LP	Honolulu	Pier 34	Low	Toshiaki Wada	(808) 537- 9528	10/5/2016	Annual Recon
Kagami, Inc.		Honolulu	Pier 21	Low	Wayne Kagami	(808) 523- 5700	12/21/2016	Annual Recon
	Hawaiian					(808) 306-	6/22/2016	Regular
Kirkwood, Clarke	Catamaran Multihull Design	Honolulu	KIPA	High	Matt Buckman	6012	11/10/2016	Regular
Kirby Offshore Marine	(Formerly Uaukewai Diving, Salvage & Fishing, Inc.) Formerly known as K-Sea Transportation Hawaii Division	Honolulu	Pier 21/27	Medium	James Pontin; Bill Boland	(808) 462- 4222, (808) 208-1089; (808) 522- 1000 ext.108	10/27/2016	Regular
Lansdown, Ian J.	Hawaii's Sailing Center; Ian J. Lansdown	Honolulu	KIPA	Medium	Jeff Lansdown	(808) 230- 0940	12/28/2016	Regular
						(808) 306-	6/10/2016	Regular
Marisco, Ltd.		Kalaeloa	KBPH	High	Stephen Hinton	5935, (808) 682-1333	11/23/2016	Regular
Maritime License		Honolulu	Pier 24	N/A	Charles Howard; Jason Allen	(808) 589- 0123,	10/26/2016	Final
Center, Inc.		Kalaeloa	Pier 6	Low	Charles Howard; Jason Allen	(808) 589- 0123,	12/29/2016	Annual Recon
Mary Charles and Associates Inc		Honolulu	Pier 10	Low			9/28/2016	Annual Recon
						(808) 848-	6/15/2016	Regular
Matson Navigation Company, Inc.	Matson Terminals, Inc.	Honolulu Pier 52	High	Keahi Birch	1252; (808) 848-1280; (808) 848- 8306	12/14/2016	Regular	

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
McCabe, Hamilton		Honolulu	Pier 23	Medium	Andrew Souza	(808) 479- 0356	10/26/2016	Regular
& Renny		Honolulu, Kalaeloa	Piers 19 & 29, Pier 5	Low	Andrew Souza	(808) 479- 0356	5/25/2016 12/21/2016	Annual Recon
Nanakuli Neighborhood Housing Services, Inc.	Nanakuli Housing Corporation Baseyard Hawaii	Honolulu	KIPA	Low	Wilbert Barber; Paige Barber	(808) 842- 0770	10/10/2016	Annual Recon
Norko Marine Agency, Inc.		Honolulu	Pier 33	Low	Norman Cheu	(808) 216- 4790, (808) 536-4568	10/7/2016	Annual Recon
Oceantronics, Inc.		Honolulu	Pier 24	Low	Fritz M. Amtsberg; Brian; Daniel	(808) 522- 5600; (808) 832-5590, (808) 216- 0256	10/21/2016	Annual Recon
Ohai, Leo A.	Oceanic Libra Corporation	Honolulu	Pier 18	Medium	Nephi Ohai	(808) 531- 2524, (808) 690-4030	11/16/2016	Regular
P&R Water Taxi, Ltd.		Honolulu	Pier 36	Medium	Ralph Dewitt	808) 554- 3436	11/30/2016	Regular
Pacific		Honolulu	Piers 33	Medium	Justin, Shanyn	(808) 545- 5190, (808) 479-3905; (808) 545- 5195	10/7/2016	Regular
Environmental Corporation	Penco	Honolulu; Kalaeloa	Pier 14; Pier 4	Low	Justin, Shanyn	(808) 545- 5190, (808) 479-3905; (808) 545- 5195	6/14/2016	Annual Recon

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
Pacific Ocean Producers, Inc.	(Nico's) POP Fishing & Marine, LLC	Honolulu	Pier 38	Low	Arlen Walsten	(808) 537- 2905 ext. 105	5/18/2016	Annual Recon
Pacific Shipyards International, LLC	Pacific Marine and Supply, Navatek, Unitek Contracting Group, Honolulu Shipyard	Honolulu	Pier 41	High	Vince Gallo; Marv Miller	(808) 848- 6211, (808) 223-4946	6/17/2016	Regular Regular
Pang, Sandra	SP Lunch Wagon; Sandy's Lunchwagon	Honolulu	Pier 51	Low	Sandra Pang	(808) 778- 4686	11/10/2016	Annual Recon
Paradise Cruise, LTD	Star of Honolulu	Honolulu	Pier 8	Low	Richard A. Davison		9/28/2016	Annual Recon
Petrospect, Inc.		Honolulu	Pier 21	Low	Chad Miller, David Harrington	(808) 536- 6626	12/21/2016	Annual Recon
Pioneer Machinery, Inc.		Honolulu	KIPA	Low	Rodney Yee	(808) 371- 4892	10/10/2016	Annual Recon
Pryne, Ty	H.B.N. Yacht Rigging	Honolulu	Pier 21	Low	Ty Pryne	(808) 479- 8844, (808) 597-8120	12/21/2016	Annual Recon
Rebecca's Fine Collections, Inc.	R.F.C. Group	Honolulu	KIPA	Low	Rebecca Fan	(808) 478- 6688	10/10/2016	Annual Recon
R & C Concrete Specialists, Inc.	Ron's Concrete Specialist, Ltd.	Honolulu	KIPA	Low	James Mainaaupo; John Mainaaupo, Jr.	(808) 845- 0467 (808) 429- 2142	10/10/2016	Annual Recon
		Honolulu	Pier 27	Medium	Wayne Stachel	(808)306- 2177; (808) 521-5082;	10/21/2016	Regular
	Staging Yard at KBPH	Kalaeloa	Pier 4	Medium	Raid Tamashiro (Thomas	(808) 721-	6/9/2016	New
Sause Bros., Inc.	Staging Yard at KBPH	Kalaeloa	Pier 4	Medium	Transport Service)	1667	11/22/2016	Regular
		Kalaeloa	Pier 5	Low	Mike Leslie	(808) 690- 3412 (808) 682- 1082	5/25/2016	Annual Recon

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
Sea Engineering, Inc.		Honolulu	Pier 32	Medium	W. Patrick Ross; Tor Harris	(808) 259- 7966 ext 25; (603) 978- 6800	11/29/2016	Regular
Siu, Wai Lun	Pier 21 Lunchroom	Honolulu	Pier 21	Low	Raymond Siu	(808) 597- 8120	12/21/2016	Annual Recon
State of Hawaii Department of the Attorney General/Criminal Justice	Attorney General- Asset Forfeiture	Honolulu	Pier 20	Low	Kern Nishioka; Steven Davis	(808) 586- 1383	12/21/2016	Annual Recon
Steinke Brothers, Inc.		Honolulu	KIPA	Low	Robert Steinke	(808) 478- 9777, (808) 488-9668	10/10/2016	Annual Recon
The Gas Company, LLC		Honolulu	Pier 38	Medium	Zoe Williams	(808) 594- 5637	10/26/2016	Regular
The Pasha Group	Pasha hawaii	Honolulu	Pier 2	Low	Darren Lee	(808) 590- 3617	3/15/2016	New
The Webe Corporation, Ltd.	Ali'l Kai Catamaran (Subsidiary of Robert's Hawaii)	Honolulu	Pier 5	Low	Laki Sagiao; Ryland Kiyabu; Fred Racale	(808) 779- 4041; (808) 441-7873; (808) 523- 7750; (808) 753- 7727	9/27/2016	Annual Recon
Travel Plaza		Honolulu	Pier 19 (Shed and	Medium	Shawna Nakachi	(808) 343- 0853	6/20/2016	Follow-up
Transportation, LLC		Honolulu	Open Lot)	Medium	Shawna Nakachi	(808) 343- 0853	9/30/2016	Regular
Trouble Free Corp.		Kalaeloa	КВРН	Low	Chris Boyles	(808) 864- 8864	5/25/2016	Annual Recon
U.S. Bureau of Customs and Border Protection, Department of Homeland Security		Honolulu	Pier 1	Low	Gose; Peter F. Gonzales	(808) 522- 8001 ext. 223; (808) 356-4175	9/28/2016	Annual Recon

Tenant Business Name	DBA or Other Name	Harbor	Location	2016 Risk Ranking	POC	Phone Number	Inspection Date	Inspection Type
Unify Recovery Service		Honolulu	KIPA	Medium	Gayle Saito	(808) 256- 7266	9/22/2016	Regular
United Fishing Agency, Ltd.		Honolulu	Pier 38	Medium	Daniel Otani; Nelson Otani	(808) 536- 2148	10/13/2016	Regular
University of			Pier 44/45	N/A		(808) 842-	6/6/2016	Final
Hawaii		Honolulu	Pier 35	Medium	Ross Barnes	9815, (808) 864-0122	11/21/2016	New
VAK Fisheries, LLC		Honolulu	Pier 19	Low	Kim Lu	(808) 258- 2990	12/21/2016	Annual Recon
Van, Kevin	Hi-Sea Hawaii Fishing Supply	Honolulu	Pier 20	Low	Kevin Van	(808) 521- 6076, (808) 282-1452	12/21/2016	Annual Recon
Welch, Jr., Darrell, G., AIA	Aloha Tower, 4th Floor	Honolulu	Pier 9	Low	Darrell G. Welch Jr., AIA; Cookie LeMadrid	(808) 585- 8522	9/28/2016	Annual Recon
Wikoliana Educational Excursions, LLC		Honolulu	Pier 7	Low	lan Jeffrey Landdown	(808) 230- 0940	9/27/2016	Annual Recon
Young Brothers, Ltd.		Honolulu	Piers 39 and 40	High	Nathan Kapule: Lori Biles; Bruce McEwan	(808) 543- 9398; (206) 276-1898; (808) 543- 9357	12/6/2016	Regular

Total # of Individual Tenants = 84

Risk Rank	# of Tenant sites
Low	57
Medium	29
High	7
Total	93

Inspection Type	# of Inspections in 2016
Annual Recon	54
Recurring	39
New/Initial	4
Final	4
Follow-Up	1
Total	102

Attachment 11a

 $\begin{array}{c} \textbf{Outfall Reconnaissance Inventory (ORI) - ORI Inspection} \\ \textbf{Form} \end{array}$

OUTFALL RECONNAISSANCE INVENTORY FORM

Section 1: Back	kgrour	ıd Data							
Outfall ID:					Previous (Outfall ID:			
HDOT Location:					Subwaters	shed:			
Inspection Date:					Investigate	ors:			
Time (Military):					Form com	ipleted by:			
Lat:			Long:		GPS Unit:	:	GP	S Landmaı	rk:
Temp (○F): 75	Rainfa	all (in.) Last 24	Hrs: 0 48	8 Hrs: 0	Camera: E	ETC 3	Pho	oto #s:	
Land Use in Drain	nage Are	ea (Check all tha	at apply):						
☐ Industrial					Open S	Space			
Ultra-Urban R	Residentia	al			☐ Institut	tional			
☐ Suburban Resi	idential				Other:				
☐ Commercial					Known In-	dustries:	_	=	
Notes (e.g., origin Section 2: Outf									
LOCATION			ERIAL	SH	IAPE		DIMENSIONS	(IN.)	SUBMERGED
		□RCP	□СМР	☐ Circular	Single		Diameter/Dimensions	:	In Water:
		□ PVC	☐ HDPE	☐ Elliptical	☐ Double			-	☐ No ☐ Partially
☐ Closed Pipe		☐ Steel		Вох	☐ Triple				☐ Fully
		Other:		☐ Other:	Other: Twadjacent	vo outfalls			With Sediment: No Partially Fully
☐ Open drainage	•	☐ Concrete ☐ Earthen		☐ Trapezoid ☐ Parabolic ☐ Other:			Depth: Top Width: Bottom Width:		
Open dramage	e	☐ rip-rap							
		Other:							///////////////////////////////////////
☐ In-Stream			hen collecting						
Flow Present?		☐ Yes	☐ No		tip to Section 5				
Flow Description		☐ Trickle	☐ Moderate	e Substantial					
Section 3: Quar	ntitati	ve Characte	erization						
				FIELD DATA FOR F	LOWING OL	JTFALLS			
P/	ARAME	TER		RESULT		U	NIT	EQ	UIPMENT
□Flow#1		Volume				I	iter		
		Time to fill				9	Sec		
		Flow depth					In		
□Flow #2		Flow width				F	t, In		
	Measured length		i			F	t, In		
		Time of travel					Sec		
Т	Tempera	ture					°F		
	pН					pН	Units	Tes	st strip/Probe
	Ammon	nia				ŗ	opm		Test strip

Outfall Reconnaissance Inventory Form

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization** Potential (presence of two or more indicators) Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Attachment 11b

Outfall Reconnaissance Inventory (ORI) – 2016 Honolulu Harbor ORI Report

2016 Outfall Reconnaissance Inventory (ORI) Summary

Dry weather inspections were conducted at Honolulu Harbor by EnviroServices and Training Center, LLC (ETC) with the assistance of Harbors Environmental staff on the days of March 8, April 7, April 8, May 18, and May 19, 2016. Data was obtained from field observations by inspectors in a kayak and a support team on land. Maps generated from CityWorks[®] and information from previous outfall reconnaissance were utilized to prepare for and assist with the inspections, which were conducted according to Consent Decree 16.c.1 and the Outfall Reconnaissance Inspection & Inventory Program.

Outfall mapping has been updated since the previous year's inspections and to reflect new findings (if any), and when safe conditions permitted, outfalls were marked with their identification number in order to assist with future inspections and mapping efforts. The result of each inspection was entered into CityWorks®, together with information associated with each outfall's characterization, presence of any suspected illicit discharge, and relevant photo documentation.

Some outfalls were inaccessible due to Harbor activity, or environmental and safety concerns; according to the ORIIP, follow-up inspections were conducted on land at a later date. For these inspections, the nearest up-stream manholes or drain inlets leading to those outfalls were inspected for signs of a potential illicit discharge.

In addition to observing outfalls for any potential illicit discharges, inspectors remained vigilant on land and in water. During the course of inspections, debris such as a metal pole, a plastic sign, oil stained gloves, and other large objects were removed by inspectors in the kayak and on land, if practical.

In 2016, a total of two suspected illicit discharges were discovered. Below is a description for each:

• Pier 24 – On May 18, 2016, an aggregate spillage was discovered near the pier's edge and on the rubber fender on May 18, 2016 (see inserted photos below). Harbors Environmental Office notified the Oahu District and conducted co-investigation and enforcement of this incident. A Notice of Apparent Violation was issued to the responsible party on June 9, 2016. Work Order 2584 and associated Child Work Order 2600 were created using Cityworks® to keep track of the related investigation, which was closed in August 2016.







Pier 38 – On April 8, 2016, a moderate flow was observed discharging from outfall SDD 5050. Suds were seen accompanying the discharged water. A snapshot of this discharge is displayed below. Marine Cargo Specialists were notified of this observation and an investigation was initiated. Service Request Number 320 was created in response. However, no sources could be identified.



An inspection summary of each outfall is listed in the following table.

Location	Outfall SDD	Date	Method of Inspection	Illicit	Comment
				Discharge	
Pier 1	100	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 1	102	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 1	104	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 1	106	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 1	108	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 1	109	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 1	110	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 2	500	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 2	600	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 2	630	5/19/2016	Nearest Manhole/ Drain Inlet	No	Inspected during high tide. No abnormal odor, sheen, or discoloration was observed.
Pier 2	700	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 2	720	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 2	800	5/19/2016	Nearest Manhole/ Drain Inlet	No	Inspected during high tide. No abnormal odor, sheen, or discoloration was observed.
Pier 3	N/A	N/A	N/A	N/A	
Pier 4	N/A	N/A	N/A	N/A	
Pier 5	1000	4/7/2016	Kayak	No	
Pier 5	1010	4/7/2016	Kayak	No	
Pier 5	1040	4/7/2016	Kayak	No	
Pier 5	7622	4/7/2016	Kayak	No	
Pier 6	1160	4/7/2016	Kayak	No	
Pier 6	7624	4/7/2016	Kayak	No	
Pier 7	N/A	N/A	N/A	N/A	No outfalls at Pier 7
Pier 8	1230	4/7/2016	Kayak	No	
Pier 8	1235	4/7/2016	Kayak	No	
Pier 8	1500	4/7/2016	Kayak	No	
Pier 8	1512	4/7/2016	Kayak	No	
Pier 9	1570	4/7/2016	Kayak	No	
Pier 9	1600	4/7/2016	Kayak	No	
Pier 10	N/A	N/A	N/A	N/A	No outfalls at Pier 10
Pier 11	1730	4/7/2016	Kayak	No	
Pier 11	1732	4/7/2016	Kayak	No	
Pier 11	1734	4/7/2016	Kayak	No	
Pier 11	1736	4/7/2016	Kayak	No	
Pier 11	1738	4/7/2016	Kayak	No	
Pier 11	1740	4/7/2016	Kayak	No	
Pier 11	1742	4/7/2016	Kayak	No	
Pier 12	N/A	N/A	N/A	N/A	

Location	Outfall SDD	Date	Method of Inspection	Illicit	Comment
D: 12	37/4	37/4	27/4	Discharge	
Pier 13	N/A	N/A	N/A	N/A	
Pier 14	N/A	N/A	N/A	N/A	
Pier 15	2200	N/A	N/A	N/A	No access due to construction
Pier 16	N/A	N/A	N/A		
Pier 17	N/A	N/A	N/A		
Pier 18	2300	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 19	2400	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 19	2480	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 20	2482	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 21	2600	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 21	2610	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 21	2640	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 21	2790	5/19/2016	Nearest Manhole/ Drain Inlet	No	
Pier 21	2798	4/7/2016	Kayak	No	
Pier 22	2800	4/7/2016	Kayak	No	
Pier 23	3000	4/7/2016	Kayak	No	
Pier 23	3070	4/7/2016	Kayak	No	
Pier 24	3200	4/7/2016	Kayak	No	
Pier 24	3240	4/7/2016	Kayak	No	
Pier 24	3242	5/18/2016	Kayak	No	
Pier 24	3244	5/18/2016	Kayak	No	
Pier 25	3550	5/18/2016	Kayak	No	
Pier 26	3610	5/18/2016	Kayak	No	
Pier 27	3630	5/18/2016	Kayak	No	
Pier 28	N/A	N/A	N/A	N/A	
Pier 29	3650	5/18/2016	Kayak	No	
Pier 29	3670	5/18/2016	Kayak	No	
Pier 30	N/A	N/A	N/A	N/A	
Pier 31	3900	5/18/2016	Kayak	No	
Pier 31	3920	5/18/2016	Kayak	No	
Pier 31	3950	5/18/2016	Kayak	No	
Pier 31	4000	5/18/2016	Kayak	No	
Pier 31	4010	5/18/2016	Kayak	No	
Pier 31	4150	5/18/2016	Kayak	No	
Pier 32	4180	5/18/2016	Kayak	No	
Pier 32	4200	5/18/2016	Kayak	No	
Pier 33	N/A	N/A	N/A	N/A	

Location	Outfall SDD	Date	Method of Inspection	Illicit	Comment
				Discharge	
Pier 34	4300	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
					May 19, 2016.
Pier 34	4310	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
					May 19, 2016.
Pier 34	4320	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
					May 19, 2016.
Pier 34	4350	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
					May 19, 2016.
Pier 34	4360	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
					May 19, 2016.
Pier 35	4472	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
					May 19, 2016.
Pier 35	4474	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
D: 25	4450	5/10/2015	N 11/2		May 19, 2016.
Pier 35	4450	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not
					able to safely fit underneath the pier.
					Follow-up inspection of the nearest
					up-stream drain inlet occurred on
					May 19, 2016.

Location	Outfall SDD	Date	Method of Inspection	Illicit Discharge	Comment
Pier 35	4460	5/19/2016	Nearest Manhole/ Drain Inlet	Disentinge	The inspectors in the kayak were not able to safely fit underneath the pier. Follow-up inspection of the nearest up-stream drain inlet occurred on May 19, 2016.
Pier 35	4470	5/19/2016	Nearest Manhole/ Drain Inlet		The inspectors in the kayak were not able to safely fit underneath the pier. Follow-up inspection of the nearest up-stream drain inlet occurred on May 19, 2016.
Pier 36	4600	5/18/2016	Kayak	No	17, 2010.
Pier 37	4700	4/8/2016	Kayak	No	
Pier 37	4900	4/8/2016	Kayak	No	
Pier 37	5000	4/8/2016	Kayak	No	
Pier 38	5050	4/8/2016	Kayak	Yes	A moderate flow was discharging from the outfall and suds were collecting in Harbors water. Marine Cargo Specialists were notified and investigation procedures were initiated.
Pier 38	5050	4/8/2016	Kayak	Yes	A moderate flow was discharging from the outfall and suds were collecting in Harbors water. Marine Cargo Specialists were notified and investigation procedures were initiated.
Pier 38	5100	4/8/2016	Kayak	No	initiated.
Pier 38	5150	4/8/2016	Nearest Manhole/ Drain Inlet	No	Access to this outfall is limited due to incoming barge activity.
Pier 39	5745	4/8/2016	Kayak	No	
Pier 40	5800	5/19/2016	Nearest Manhole/ Drain Inlet	No	Due to a boat blocking access to this outfall, a follow up inspection at the nearest up-stream manhole occurred on May 19, 2016.
Pier 41	6500	4/8/2016	Kayak	No	
Pier 41	6970	4/8/2016	Kayak	No	
Pier 41	6980	4/8/2016	Kayak	No	
Pier 41	6990	4/8/2016	Kayak	N/A	Unable to locate outfall during April 8 th 2016 kayak inspections. Determined to be closed based on closed/flooded drain inlet on PSI property.
Pier 41	7662	4/8/2016	Kayak	No	
Pier 41	7664	4/8/2016	Kayak	No	
Pier 42	7030	4/8/2016	Kayak	No	
Pier 42	7060	4/8/2016	Kayak	No	
Pier 42	7600	4/8/2016	Kayak	No	
Pier 43	N/A	N/A	N/A	N/A	

Location	Outfall SDD	Date	Method of Inspection	Illicit Discharge	Comment
Pier 45	7560	4/8/2016	Kayak	No	
Pier 45	7580	4/8/2016	Kayak	No	
Pier 45	7600	N/A	N/A	N/A	This outfall is listed as Pier 42 but is actually at Pier 45. The CityWorks map has it listed as "SDDHO427600". See above info for Pier 42 # 7600.
Pier 46	N/A	N/A	N/A	N/A	
Pier 47	N/A	N/A	N/A	N/A	
Pier 48	N/A	N/A	N/A	N/A	
Pier 49	N/A	N/A	N/A	N/A	
Pier 50	N/A	N/A	N/A	N/A	
Pier 51	7800	3/9/2016	Kayak	No	
Pier 51	7850	3/9/2016	Kayak	No	
Pier 51	7880	3/9/2016	Kayak	No	
Pier 51	7960	3/9/2016	Kayak	No	
Pier 51	8000	3/9/2016	Kayak	No	
Pier 51	8070	3/9/2016	Kayak	No	
Pier 51	8080	3/9/2016	Kayak	No	A light flow of clear water was discharging from the outfall and was determined to be a potable source.
Pier 51	8182	3/9/2016	Kayak	No	
Pier 51	8130	3/9/2016	Kayak	No	
Pier 51	8190	3/9/2016	Kayak	No	
Pier 51	8194	3/9/2016	Kayak	No	
Pier 51	8198	3/9/2016	Kayak	No	
Pier 51	8350	3/9/2016	Kayak	No	
Pier 51	8206	3/9/2016	Kayak	No	
Pier 52	8210	3/9/2016	Kayak	No	
Pier 52	8542	3/9/2016	Kayak	No	
Pier 52	8500	3/9/2016	Kayak	No	
Pier 52	8556	3/9/2016	Kayak	No	
Pier 53	8560	3/9/2016	Kayak	No	
Pier 53	8850	3/9/2016	Kayak	No	
Pier 53	8894	3/9/2016	Kayak	No	
Pier 53	8900	3/9/2016	Kayak	No	
Pier 53	8930	3/9/2016	Kayak	No	

Attachment 11c

Outfall Reconnaissance Inventory (ORI) – 2016 Kalaeloa Barbers Point Harbor ORI Report

2016 Kalaeloa Outfall Reconnaissance Inventory (ORI) Summary

Dry weather inspections were conducted for outfalls located at Kalaeloa Barbers Point Harbor by EnviroServices and Training Center, LLC (ETC) with the assistance of Harbors Environmental Section on the days of May 26, 2016 and October 25, 2016. Data was obtained from field observations by inspectors. Maps generated from CityWorks® and information from previous outfall reconnaissance was utilized to prepare for and assist with the inspections, which were conducted according to Consent Decree 16.c.1 and the Outfall Reconnaissance Inspection & Inventory Program.

Outfall mapping has been updated since the previous year's inspections and to reflect new findings (if any), and when safe conditions permitted, outfalls were marked with their identification number in order to assist with future inspections and mapping efforts. The result of each inspection was entered into CityWorks®, together with information associated with each outfall's characterization, presence of any suspected illicit discharge, and relevant photo documentation.

The nearest up-stream manholes or drain inlets leading to those outfalls were inspected for signs of a potential illicit discharge.

In 2016, one suspected illicit discharges was discovered and is described below:

 Pier 05 – On May 26, 2016, aggregate debris was discovered near the pier's edge and near the trench drain (sees inserted photos below). Harbors Environmental Office notified the KBPH District office, who in turn notified the tenant. The area was cleaned up immediately.



An inspection summary of each outfall is listed in the following table.

Table 1: Outfall Inspection

Location	Outfall SDD	Date	Method of Inspection	Illicit Discharge	Comment
Pier 4	043630	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 4	043660	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055000	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055100	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055200	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055300	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055400	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055500	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055700	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055800	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 5	055900	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 6	066200	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 6	066210	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 6	066500	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 6	066700	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 6	066800	5/26/2016	Nearest Manhole/ Drain Inlet	No	
Pier 7	077000	10/25/2016	Nearest Manhole/ Drain Inlet	No	
Pier 7	077100	10/25/2016	Nearest Manhole/ Drain Inlet	No	
Pier 7	077110	10/25/2016	Nearest Manhole/ Drain Inlet	No	
Pier 7	077200	10/25/2016	Nearest Manhole/ Drain Inlet	No	
Pier 7	077300	10/25/2016	Nearest Manhole/ Drain Inlet	No	Needs to be double-checked next year.
Pier 7	077600	10/25/2016	Nearest Manhole/ Drain Inlet	No	Needs to be double-checked next year.
Pier 7	077112	10/25/2016	Nearest Manhole/ Drain Inlet	No	Needs to be double-checked next year.



Photograph 1: SDDBP043630



Photograph 2: SDDBP043660



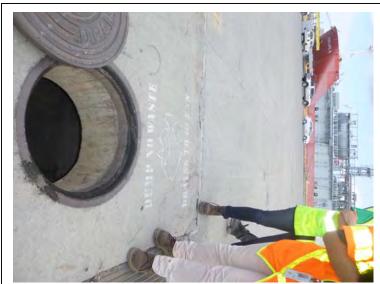
Photograph 3: SDDBP055000



Page 1



Photograph 4: SDD5BP055100



Photograph 5: SDDBP055200



Photograph 6: SDDBP055200 (same as above)





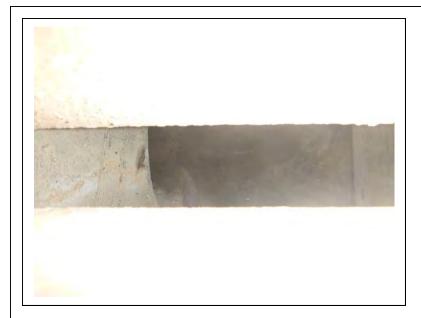
Photograph 7: SDDBP055300



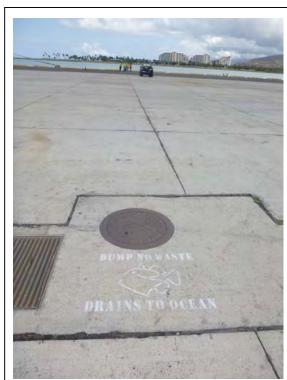


Photograph 9: SDDBP055400





Photograph 10: SDDBP055400



Photograph 11: SDDBP055500

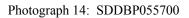


Photograph 12: SDDBP055500





Photograph 13: SDDBP055700





Photograph 15: SDDBP055800





Photograph 16: SDDBP055800



Photograph 17: SDDBP055900

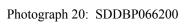


Photograph 18: SDDBP055900





Photograph 19: SDDBP066200





Photograph 21: SDDBP066210





Photograph 22: SDDBP0662500

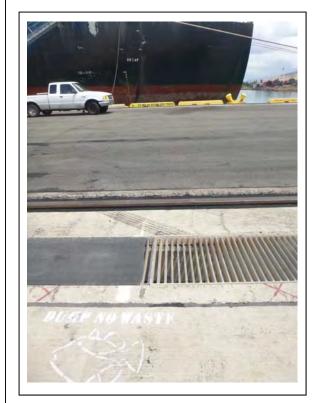


Photograph 23: SDDBP066700

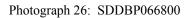


Photograph 24: SDD BP066700

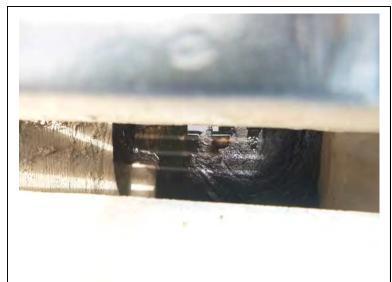




Photograph 25: SDDBP066800







Photograph 27: SDDBP077000





Photograph 28: SDDBP077000

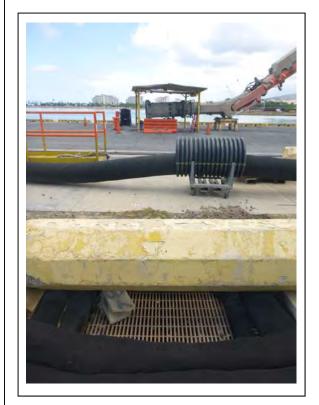


Photograph 29: SDDBP077100

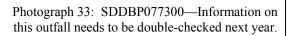


Photograph 30: SDDBP07110





Photograph 32: SDDBP077200—Information on this outfall needs to be double-checked next year.







Photograph 34: SDDBP076000—Information on this outfall needs to be double-checked next year.



Outfall Reconnaissance Inventory Inspection Kalaeloa Barbers Point Harbor



Photograph 35: Concrete edge protection and scour at the end of Pier 7.



Outfall ID: SDI	Outfall ID: SDDBP043630					Previous Outfall ID: BP-01					
HDOT Location:	Kalaeloa	Barbers Point	Harbor		Subwatershed: Nuua	nnu					
Inspection Date: 5	5/26/201	6			Investigators: Ying	Zhang, Chelsea Iannaccio, Eva K	Kakone, Nate Hunter				
Time (Military): (0928				Form completed by:	Chelsea Iannaccio					
Lat:			Long:		GPS Unit:	GPS Landn	nark:				
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ETC Blue	Photo #s: P	1060142				
Land Use in Drain	nage Are	ea (Check all tha	at apply):								
☐ Industrial					☐ Open Space	☐ Open Space					
☐ Ultra-Urban R	Residenti	al			☐ Institutional						
☐ Suburban Resi	idential				Other:						
					Known Industries: _						
Notes (e.g., origin	n of outfa	all, if known):									
Section 2: Out		_		I		ı					
LOCATION	N		MATERIAL SHAPE		ı	DIMENSIONS (IN.)	SUBMERGED				
		⊠ RCP	☐ CMP	☐ Circular	Single	Diameter/Dimensions:	In Water:				
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double	72 X 18	☐ Partially ☐ Fully				
☑ Closed Pipe		☐ Steel		⊠ Box	☐ Triple						
		Other:		☐ Other:	☐ Other:		With Sediment: No				
							☐ Partially ☐ Fully				
		☐ Concrete				D. d					
_		☐ Earthen		☐ Trapezoid		Depth:					
Open drainage	e	☐ rip-rap		Parabolic		Top Width:					
		Other:		Other:		Bottom Width:					
☐ In-Stream			hen collecting	samples)			<u> </u>				
Flow Present?		Yes	⊠ No	If No, Ski	p to Section 5						
Flow Description		☐ Trickle	☐ Moderate	e Substantial							
Section 3: Qua	ntitati	ve Characte	erization								
				FIELD DATA FOR FI	LOWING OUTFALLS						
P	ARAME	TER		RESULT	ı	JNIT E	QUIPMENT				
□Flow#1		Volume				Liter					
	Time to					Sec					
		Flow depth				In					
□Flow #2		Flow width			-	Ft, In					
_		Aeasured length	1			Ft, In					
		Time of travel				Sec					
7	Tempera	ture				°F					
	pН				pl	H Units T	est strip/Probe				
	Ammor	nia				ppm	Test strip				

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP043660					Previous Outfall ID:					
HDOT Location:	Kalaelo	a Barbers Point	Harbor			shed: Nuuai					
Inspection Date:	5/26/201	6			Investiga	tors: Ying Z	hang, Chelsea Iannaccio, Ev	va Kako	ne, Nate Hunter		
Time (Military): (0935				Form cor	npleted by:	Chelsea Iannaccio				
Lat:			Long:		GPS Unit	t:	GPS La	ndmark	:		
Temp (○F): 85	Rain	fall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera:	Camera: ETC Blue Photo #s: P1060143 – P1060144					
Land Use in Drain	nage Are	ea (Check all tha	at apply):								
☐ Industrial					☐ Open	☐ Open Space					
☐ Ultra-Urban R	Residenti	al			☐ Institu	utional					
☐ Suburban Res	☐ Suburban Residential										
Notes (e.g., origin	n of outf	all, if known):									
Section 2: Out				T							
LOCATION	N	MATE			APE		DIMENSIONS (IN.		SUBMERGED		
		⊠ RCP	□СМР	☑ Circular	⊠ Single		Diameter/Dimensions:	I	n Water: ☐ No		
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double				☐ Partially ☑ Fully		
☑ Closed Pipe		☐ Steel		Вох	Triple			\	With Sediment:		
		Other:		Other:	Other:				⊠ No □ Partially □ Fully		
		☐ Concrete									
		☐ Earthen		☐ Trapezoid			Depth:				
Open drainage	e	☐ rip-rap		☐ Parabolic			Top Width:				
		Other:		☐ Other:		Bottom Width:					
☐ In-Stream		(applicable wl		samples)					<i>/////////////////////////////////////</i>		
Flow Present?		Yes	⊠ No	- :	ip to Section :	5					
Flow Description		☐ Trickle	☐ Moderate								
Section 3: Qua		1									
-				FIELD DATA FOR F	LOWING O	UTFALLS					
P	ARAME	TER		RESULT		U	NIT	EQU	IPMENT		
□Flow #1		Volume				I	iter				
110W #1	Time to fill						Sec				
		Flow depth					In				
		Flow width					t, In				
		Measured length					t, In				
Time of travel						Sec					
	Tempera	ture				. 11	°F	Т	Anin /Dunk -		
	pH						Units		strip/Probe		
	Ammo	nia				I	opm	Te	est strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	outfall ID: SDDBP055000					Previous Outfall ID:					
HDOT Location:	Kalaelo	a Barbers Point	Harbor		Subwatershed: Nuuai	nu					
Inspection Date: 5	5/26/201	6			Investigators: Ying Z	Chang, Chelsea Iannaccio, Eva K	akone, Nate Hunter				
Time (Military): 1	1003				Form completed by:	Chelsea Iannaccio					
Lat:			Long:		GPS Unit:	GPS Landm	nark:				
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ETC Blue	Photo #s: Pl	1060147 – P1060150				
Land Use in Drain	nage Are	ea (Check all tha	at apply):								
☐ Industrial					☐ Open Space	☐ Open Space					
☐ Ultra-Urban R	Residenti	al			☐ Institutional						
☐ Suburban Resi	idential				Other:						
					Known Industries:						
Notes (e.g., origin	n of outfa	all, if known):									
S 4 2 0 4	e II D	• 4•									
Section 2: Outi		•	ERIAL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED				
		⊠ RCP	□СМР	☑ Circular	Single	Diameter/Dimensions:	In Water: ☑ No				
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double		☐ Partially				
☐ Closed Pipe		☐ Steel		Box	☐ Triple		☐ Fully				
		Other:		☐ Other:	Other: Two outfalls		With Sediment:				
					adjacent		□ Partially □ Fully				
		☐ Concrete		_	I						
		☐ Earthen		☐ Trapezoid		Depth:					
Open drainage	e	☐ rip-rap		☐ Parabolic		Top Width:					
		☐ Other:		☐ Other:		Bottom Width:					
☐ In-Stream			hen collecting	samples)			<u> </u>				
Flow Present?		Yes	No ⊠ No	• ,	p to Section 5						
Flow Description		☐ Trickle	☐ Moderate		p to Section 5						
		1		Эш эцоэшний							
Section 3: Qua	ntitati	ve Characte	erization	FIELD DATA FOR F	LOWING OUTFALLS						
P	ARAME	TER		RESULT		INIT E	QUIPMENT				
		Volume			I	Liter					
□Flow#1		Time to fill				Sec					
		Flow depth				In					
□Flow #2		Flow width			F	Ft, In					
110W #2	N	Measured length	l		F	rt, In					
		Time of travel				Sec					
7	Гетрега	ture				°F					
	pН				pH	Units T	est strip/Probe				
	Ammor	nia			1	opm	Test strip				

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Section 1: Back	kgroun	d Data								
Outfall ID: SDI	DBP0551	100			Previou	Previous Outfall ID:				
HDOT Location:	Kalaeloa	Barbers Point Harbor			Subwate	ershed: Nuuai	nu			
Inspection Date: 5	5/26/2010	5			Investig	gators: Ying Z	hang, Chelsea Iannaccio, Ev	va Kakone, Na	ate Hunter	
Time (Military): 1	1025				Form co	ompleted by:	Chelsea Iannaccio			
Lat:		Long	:		GPS Un	nit:	GPS La	ndmark:		
Temp (oF): 85	Rainf	fall (in.) Last 24 Hrs:	0	48 Hrs: 0	Camera	: ETC Blue	Photo #s	s: P1060152-I	2106154	
Land Use in Drain	nage Are	a (Check all that apply	/):							
☐ Industrial					☐ Ope	en Space				
☐ Ultra-Urban R	Residentia	al			☐ Insti	itutional				
☐ Suburban Resi	idential				Other: _					
					Known	Industries:				
Notes (e.g., origin	n of outfa	all, if known):								
ı										
Section 2: Out	fall De	scrintion								
	LOCATION MATERIAL				APE		DIMENSIONS (IN.) SL	JBMERGED	
		⊠ RCP □ C	CMP		⊠ Single		Diameter/Dimensions:	In Wat		
		□ PVC □ H	HDPE	☐ Eliptical	☐ Double	÷		l Ĉ	⊠ No □ Partially	
		☐ Steel		Box	☐ Triple				Fully	
		Other:		Other:	Other:			_	Sediment:	
			_						Partially Fully	
		Concrete		<u> </u>						
		☐ Earthen		Trapezoid			Depth:			
☐ Open drainage	e	— ☐ rip-rap		☐ Parabolic			Top Width:			
		Other:		Other:			Bottom Width:			
T Ctroom			114ina	dies servelse)						
☐ In-Stream		(applicable when co		• ,		-				
Flow Present?		Yes	⊠ No		ip to Section	ı 5				
Flow Description		☐ Trickle ☐ N	Moderate	e Substantial						
Section 3: Qua	ntitati	ve Characterizat	ion							
				FIELD DATA FOR F	LOWING		ŀ			
P	ARAME			RESULT			NIT	EQUIPMI	ENT	
□Flow#1		Volume	<u> </u>				Liter			
		Time to fill	 			 	Sec			
		Flow depth	 				In			
□Flow #2		Flow width					čt, In			
		Measured length	 				et, In			
	Time of travel					 	Sec			
1	Temperat	ure	<u> </u>			<u></u>	°F			
	pН					pН	Units	Test strip/P	robe	
	Ammonia					ı J	opm	Test stri	p	

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP055200					Previous Outfall ID:					
HDOT Location:	Kalaeloa	Barbers Point	Harbor		Subwatershed: Nut	ıanu					
Inspection Date: 5	5/26/2016	6			Investigators: Ying	Zhang, Chelsea Iannaccio, Eva	Kakone, Nate Hunter				
Time (Military): 1	1029				Form completed by	: Chelsea Iannaccio					
Lat:			Long:		GPS Unit:	GPS Lands	nark:				
Temp (○F): 85	Rainf	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ETC Bl	ue Photo #s: I	P1060155-P1060156				
Land Use in Drain	nage Are	a (Check all tha	at apply):								
☐ Industrial					☐ Open Space	☐ Open Space					
☐ Ultra-Urban R	Residentia	ıl			☐ Institutional						
☐ Suburban Res	idential				Other:						
☑ Commercial					Known Industries:	_					
Notes (e.g., origin	n of outfa	ll, if known):									
Section 2: Out	fall Des	scription									
LOCATION	N	MATERIAL		SHA	APE	DIMENSIONS (IN.)	SUBMERGED				
		⊠ RCP	☐ CMP	☑ Circular	⊠ Single	Diameter/Dimensions:	In Water: ⊠ No				
		☐ PVC	☐ HDPE	☐ Eliptical	☐ Double		☐ Partially ☐ Fully				
⊠ Closed Pipe		☐ Steel		□ Box	☐ Triple						
		Other:		☐ Other:	Other:		With Sediment:				
							⊠ Partially □ Fully				
		☐ Concrete				5 1					
_		☐ Earthen		☐ Trapezoid		Depth:					
Open drainage	e	☐ rip-rap		☐ Parabolic		Top Width:					
		Other:		☐ Other:		Bottom Width:					
☐ In-Stream			hen collecting	samples)			<u> </u>				
Flow Present?		☐ Yes	⊠ No		p to Section 5						
Flow Description		☐ Trickle	☐ Moderate	e Substantial							
Section 3: Qua	ntitativ	ve Characte	erization								
<u> </u>				FIELD DATA FOR FI	LOWING OUTFALL	S					
P	ARAME	TER		RESULT		UNIT	EQUIPMENT				
□Flow #1		Volume				Liter					
		Time to fill				Sec					
		Flow depth				In					
□Flow #2		Flow width				Ft, In					
		leasured length	1			Ft, In					
		Time of travel				Sec					
7	Femperat	ure				°F					
	pН				I	oH Units	Γest strip/Probe				
	Ammon	ia				ppm	Test strip				

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP055300					Previous Outfall ID:					
HDOT Location:	Kalaelo	a Barbers Point	Harbor		Subwate	ershed: Nuuai	ıu				
Inspection Date:	5/26/201	16			Investiga	ators: Ying Z	hang, Chelsea Iannaccio, E	va Kal	kone, Nate Hunter		
Time (Military):	1029				Form co	mpleted by:	Chelsea Iannaccio				
Lat:			Long:		GPS Un	it:	GPS La	ındmaı	·k:		
Temp (oF): 85	Rain	ıfall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera:	Camera: ETC Blue Photo #s: P1060157-P1060159					
Land Use in Drain	nage Are	ea (Check all tha	at apply):								
☐ Industrial					☐ Oper	☐ Open Space					
Ultra-Urban R	Residenti	ial			☐ Instit	tutional					
☐ Suburban Res	☐ Suburban Residential										
□ Commercial					Known 1	Industries:					
Notes (e.g., origin	n of outf	Call, if known):									
Section 2: Outfall Description LOCATION MATERIAL SHA				APE		DIMENSIONS (IN	.)	SUBMERGED			
		⊠ RCP	□СМР	☑ Circular	Single		Diameter/Dimensions:		In Water:		
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double				⊠ No □ Partially □ Fully		
☑ Closed Pipe		☐ Steel		Вох	☐ Triple				With Sediment:		
		Other:		Other:	Other:				□ No □ Partially □ Fully		
		☐ Concrete					_				
		☐ Earthen		☐ Trapezoid			Depth:				
Open drainage	e	☐ rip-rap		☐ Parabolic			Top Width:				
		Other:		☐ Other:		Bottom Width:					
☐ In-Stream			hen collecting	samples)					<i></i>		
Flow Present?		Yes	⊠ No		ip to Section	5					
Flow Description		☐ Trickle	☐ Moderate	e Substantial							
Section 3: Qua	ntitati	ive Characte	rization								
				FIELD DATA FOR F	LOWING	DUTFALLS	,				
P	ARAME	TER		RESULT		U	NIT	EQ	UIPMENT		
□Flow #1		Volume				I	Liter				
	Time to fill						Sec				
		Flow depth					In				
□Flow #2		Flow width					t, In				
		Measured length					t, In				
Time of travel Temperature						Sec					
	pH	nute				n ^U	°F Units	Test strip/Probe			
	Ammoi	nia									
	Ammol	ına				I	opm		Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDDBP055400						Previous Outfall ID:					
HDOT Location: Kalaeloa Barbers Point Harbor						Subwatershed: Nuuanu					
Inspection Date: 5/26/2016						Investigators: Ying Zhang, Chelsea Iannaccio, Eva Kakone, Nate Hunter					
Time (Military): 1037						Form completed by: Chelsea Iannaccio					
Lat: Long:						GPS Unit: GPS Landmark:					
Temp (oF): 85	Rain	fall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera:	Camera: ETC Blue Photo #s: P1060160-P1060161					
Land Use in Drain	nage Are	ea (Check all tha	at apply):								
☐ Industrial					☐ Open	☐ Open Space					
Ultra-Urban Residential						☐ Institutional					
☐ Suburban Residential						Other:					
⊠ Commercial						Known Industries:					
Notes (e.g., origin	of outfa	all, if known):									
	Section 2: Outfall De		ERIAL	SHAPE		DIMENSIONS (IN	.)	SUBMERGED			
		⊠ RCP	СМР	☑ Circular	Single Si		Diameter/Dimensions:		In Water:		
☑ Closed Pipe		□ PVC	☐ HDPE	☐ Eliptical	☐ Double				⊠ No □ Partially □ Fully		
		☐ Steel		□ Box	☐ Triple				With Sediment:		
		Other:		Other: Semicircle	Other:				□ No □ Partially □ Fully		
		☐ Concrete			· ·		D. d				
		☐ Earthen		Trapezoid			Depth:				
☐ Open drainage		☐ rip-rap		Parabolic			Top Width:				
		Other:		Other:			Bottom Width:				
☐ In-Stream (applicable when col				samples)					**********		
Flow Present? \[\sum \text{Yes} \text{No} \text{If No, Skip to Section 5} \]											
			☐ Moderate								
Section 3: Qua	ntitati	ve Characte	erization								
				FIELD DATA FOR F	LOWING O	UTFALLS					
PARAMETER		TER		RESULT		U	NIT	EQUIPMENT			
☐Flow #1		Volume					Liter				
		Time to fill					Sec				
		Flow depth					In				
		Flow width					t, In				
	Measured length Time of travel						Sec				
Temperature							°F				
рН							Units	Tes	t strip/Probe		
Ammonia							opm	Test strip			

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	DBP055	500			Previous Outfall ID:					
HDOT Location:	Kalaeloa	Barbers Point	Harbor		Subwatershed: Nuu	Subwatershed: Nuuanu				
Inspection Date: 5	5/26/201	6			Investigators: Ying Zhang, Chelsea Iannaccio, Eva Kakone, Nate Hunter					
Time (Military): 1	1039				Form completed by: Chelsea Iannaccio					
Lat:			Long:		GPS Unit: GPS Landmark:					
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ETC Blue Photo #s: P1060162 - P106013					
Land Use in Drain	nage Are	a (Check all tha	at apply):							
☐ Industrial					☐ Open Space					
☐ Ultra-Urban R	esidentia	al			☐ Institutional					
☐ Suburban Resi	idential				Other:	Other:				
					Known Industries:					
Notes (e.g., origin	of outfa	all, if known):								
Section 2: Outf	fall De	scription								
LOCATION	V	MATERIAL		SHAPE		DIMENSIONS (IN.)	SUBMERGED			
		⊠ RCP	□СМР	⊠ Circular	Single	Diameter/Dimensions:	In Water: ☑ No			
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double		☐ Partially			
⊠ Closed Pipe		☐ Steel		□ Box	☐ Triple		☐ Fully			
		Other:		☐ Other:	☐ Other:		With Sediment:			
							⊠ Partially ☐ Fully			
		☐ Concrete				D 4				
		Earthen		☐ Trapezoid		Depth:				
Open drainage	е	☐ rip-rap		☐ Parabolic		Top Width:				
		Other:		Other:		Bottom Width:				
☐ In-Stream (applicable when co				samples)			<i> </i>			
Flow Present?		☐ Yes	⊠ No		p to Section 5					
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
Section 3: Quar	ntitati	ve Characte	erization							
				FIELD DATA FOR F	LOWING OUTFALLS					
P/	ARAME	TER		RESULT		UNIT	EQUIPMENT			
□Flow#1		Volume				Liter				
		Time to fill				Sec				
∏Flow #2		Flow depth				In				
		Flow width				Ft, In				
	Measured length		l			Ft, In				
		Time of travel				Sec				
Temperature						°F				
рН					p	H Units	Test strip/Probe			
Ammonia						ppm	Test strip			

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP055700					Previous Outfall ID:				
HDOT Location:	Kalaelo	a Barbers Point	Harbor			rshed: Nuuai				
Inspection Date: 5	5/26/201	.6			Investiga	tors: Ying Z	hang, Chelsea Iannaccio, Ev	va Kak	cone, Nate Hunter	
Time (Military):	1042				Form cor	npleted by:	Chelsea Iannaccio			
Lat:			Long:		GPS Uni	t:	GPS La	ndmaı	k:	
Temp (oF): 85	Rain	fall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera:	ETC Blue	Photo #	s: P10	60164 - P1060165	
Land Use in Drain	nage Are	ea (Check all tha	at apply):							
☐ Industrial					☐ Open	☐ Open Space				
☐ Ultra-Urban R	Residenti	al			☐ Instit	utional				
☐ Suburban Res	idential				Other:					
Notes (e.g., origin	n of outf	all, if known):								
Section 2: Out		escription MATE	RIAL	SH	APE		DIMENSIONS (IN.)	SUBMERGED	
200/1110			⊠ Single		Diameter/Dimensions:		In Water:			
		□ PVC	☐ HDPE	☐ Eliptical	Double				⊠ No □ Partially	
☐ Closed Pipe		☐ Steel	11D1 E	Box	Triple				Fully	
∐ Cioseu ripe									With Sediment:	
Other:			Other: Semicircle	Other:				☐ No ⊠ Partially ☐ Fully		
		☐ Concrete			•		B 4			
		☐ Earthen		☐ Trapezoid			Depth:			
Open drainage	e	☐ rip-rap		Parabolic			Top Width:			
		Other:	_	Other:			Bottom Width:			
☐ In-Stream		(applicable wl	hen collecting	samples)					***********	
Flow Present?		☐ Yes	⊠ No	If No, Ski	ip to Section .	5				
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
Section 3: Qua	ntitati	ive Characte	rization							
				FIELD DATA FOR F	LOWING O	UTFALLS	ļ.			
P	ARAME	TER		RESULT		U	NIT	EQ	UIPMENT	
□Flow #1		Volume				I	Liter			
		Time to fill					Sec			
		Flow depth					In			
□Flow #2		Flow width					t, In			
		Measured length					t, In			
Time of travel						Sec				
	Temperature					°F pH Units Test strip/Probe			t strin/Probe	
pH Ammonia						-				
	Ammoi	nia				I	opm		Test strip	

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP055800				Previous Outfall ID:					
HDOT Location:	Kalaeloa	a Barbers Point	Harbor		Subwatershed: Nu	ıanu				
Inspection Date: 5	5/26/201	6			Investigators: Ying	zhang, Chelsea Iannaccio, Eva	Kakone, Nate Hunter			
Time (Military): 1	1047				Form completed b	y: Chelsea Iannaccio				
Lat:			Long:		GPS Unit:	GPS Land	mark:			
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ETC Bl	Camera: ETC Blue Photo #s: P1060166 - P1060167				
Land Use in Drain	nage Are	ea (Check all tha	at apply):							
☐ Industrial					☐ Open Space					
☐ Ultra-Urban R	Residenti	al			☐ Institutional					
☐ Suburban Res	idential				Other:					
					Known Industries:	_				
Notes (e.g., origin	n of outfa	all, if known):								
Section 2: Out	fall De	scription								
LOCATION	N	MATE	RIAL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED			
		⊠ RCP	☐ CMP	☐ Circular	⊠ Single	Diameter/Dimensions:	In Water:			
		☐ PVC	☐ HDPE	☐ Eliptical	☐ Double		☐ Partially			
☑ Closed Pipe		☐ Steel		Box	☐ Triple		Fully			
		Other:		☐ Other:	☐ Other:		With Sediment:			
							⊠ Partially ☐ Fully			
		☐ Concrete				D 4				
_		☐ Earthen		☐ Trapezoid		Depth:				
Open drainage	e	☐ rip-rap		☐ Parabolic		Top Width:				
		Other:		☐ Other:	Bottom Width:					
☐ In-Stream			hen collecting	samples)			<u> </u>			
Flow Present?		☐ Yes	⊠ No		p to Section 5					
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
Section 3: Qua	ntitati	ve Characte	erization							
<u> </u>				FIELD DATA FOR FI	LOWING OUTFALL	s				
P	ARAME	TER		RESULT		UNIT	EQUIPMENT			
□Flow #1		Volume				Liter				
		Time to fill				Sec				
		Flow depth				In				
□Flow #2		Flow width				Ft, In				
_	Measured length		1			Ft, In				
Time of travel					Sec					
7	Temperature					°F				
	pН					pH Units Test strip/Probe				
	Ammonia					ppm	Test strip			

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP055900				Previous Outfall ID:				
HDOT Location:	Kalaeloa	Barbers Point	Harbor		Subwatershed:	Nuuanu			
Inspection Date: 5	5/26/2016)			Investigators: Y	ing Zhang, Chelsea Iar	naccio, Eva Ka	akone, Nate Hunter	
Time (Military): 1	1049				Form completed	d by: Chelsea Iannaccio)		
Lat:			Long:		GPS Unit:		GPS Landma	ark:	
Temp (○F): 85	Rainfa	all (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera: ETC	Blue	Photo #s: P1	060168 - P1060169	
Land Use in Drain	nage Area	(Check all tha	at apply):						
☐ Industrial					☐ Open Space				
☐ Ultra-Urban R	Residentia	1			☐ Institutional				
☐ Suburban Res	idential				Other:				
					Known Industri	Known Industries:			
Notes (e.g., origin	n of outfal	ll, if known):							
Section 2: Out	fall Des	scription							
LOCATION	V	MATE	RIAL	SHA	APE	DIMENSI	ONS (IN.)	SUBMERGED	
		⊠ RCP	☐ CMP	☑ Circular	⊠ Single	Diameter/Dimer	nsions:	In Water: ⊠ No	
		☐ PVC	☐ HDPE	☐ Eliptical	☐ Double			☐ Partially	
☑ Closed Pipe		☐ Steel		Box	☐ Triple			Fully	
		Other:		☐ Other:	Other:	_		With Sediment:	
							⊠ Partially ☐ Fully		
		☐ Concrete				D 4			
		☐ Earthen		☐ Trapezoid		Depth:			
Open drainage	e	☐ rip-rap		Parabolic		Top Width:	_		
		Other:		Other:		Bottom Width:			
☐ In-Stream			hen collecting	samples)				<u> </u>	
Flow Present?		☐ Yes	⊠ No	If No, Ski	p to Section 5				
Flow Description		☐ Trickle	☐ Moderate	e Substantial					
Section 3: Qua	ntitativ	e Characte	erization						
				FIELD DATA FOR FI	LOWING OUTFA	LLS			
P	ARAME	ΓER		RESULT		UNIT	E	QUIPMENT	
□Flow #1		Volume				Liter			
		Time to fill				Sec			
		Flow depth				In			
□Flow #2		Flow width				Ft, In			
_	Measured length					Ft, In			
Time of travel					Sec				
7	Temperature					°F			
	рН					pH Units Test strip/Probe			
	Ammonia					ppm		Test strip	

Outfall ID: SDD	Outfall ID: SDDBP066210				Previous Outfall ID:					
HDOT Location:	Kalaeloa	Barbers Point	Harbor		Subwatershed	Subwatershed: Nuuanu				
Inspection Date: 5	5/26/201	6			Investigators:	Ying Zh	ang, Chelsea Iannaccio, Eva K	Kakone, Nate Hunter		
Time (Military): 1	1053				Form complet	ed by: C	helsea Iannaccio			
Lat:			Long:		GPS Unit:		GPS Landn	nark:		
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ET	C Blue	Photo #s: S	DDBP066210		
Land Use in Drain	nage Are	a (Check all tha	at apply):							
☐ Industrial					Open Space	☐ Open Space				
☐ Ultra-Urban R	esidentia	al			☐ Institution	al				
☐ Suburban Resi	idential				Other:					
					Known Indust	nown Industries:				
Notes (e.g., origin	of outfa	all, if known):								
Section 2: Outf	fall De	scription								
LOCATION	LOCATION MATERIAL SHA						DIMENSIONS (IN.)	SUBMERGED		
		⊠ RCP	□СМР		⊠ Single		Diameter/Dimensions:	In Water: ☑ No		
		□ PVC	HDPE	☐ Eliptical	☐ Double			☐ Partially		
☐ Closed Pipe		☐ Steel		□ Box	☐ Triple			☐ Fully		
		Other:		Other: Semicircle	Other:			With Sediment:		
								⊠ Partially □ Fully		
		☐ Concrete		□ m : 1			D 4			
_		Earthen		☐ Trapezoid			Depth:			
Open drainage	е	☐ rip-rap		Parabolic			Top Width:			
		Other:		Other:			Bottom Width:			
☐ In-Stream			hen collecting	samples)				V/////////		
Flow Present?		☐ Yes	⊠ No		ip to Section 5					
Flow Description		☐ Trickle	☐ Moderate	e Substantial	-					
Section 3: Quar	ntitati	ve Characte	erization							
				FIELD DATA FOR F	LOWING OUTF	ALLS				
P/	ARAME	TER		RESULT		UN	NIT E	EQUIPMENT		
□Flow#1		Volume				Li	ter			
		Time to fill				S	ec			
		Flow depth					ĺn .			
□Flow #2		Flow width					, In			
		Aeasured length	1				, In			
Time of travel							ec			
Т	Tempera	ture					F			
	pН					pH	Units T	Cest strip/Probe		
	Ammonia					pj	om	Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Flow Line ☐ Paint ☐ Sediment ☐ Oily Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP066200				Previous Outfall ID:					
HDOT Location:	Kalaeloa l	Barbers Point l	Harbor		Subwatershed	Subwatershed: Nuuanu				
Inspection Date: 5	5/26/2016				Investigators:	Ying Zha	ang, Chelsea Iannaccio, Eva K	akone, Nate Hunter		
Time (Military): 1	1053				Form complete	ed by: Cl	nelsea Iannaccio			
Lat:			Long:		GPS Unit:		GPS Landm	ark:		
Temp (○F): 85	Rainfa	ll (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera: ET	C Blue	Photo #s: P1	060170 - P1060171		
Land Use in Drain	nage Area	(Check all tha	t apply):							
☐ Industrial					Open Spac	e				
☐ Ultra-Urban R	Residential				☐ Institutiona	al				
☐ Suburban Res	idential				Other:					
					Known Indust	Known Industries:				
Notes (e.g., origin	n of outfall	l, if known):								
Section 2: Out		cription MATE	RIAL	SH	APE		DIMENSIONS (IN.)	SUBMERGED		
	1	⊠ RCP	□СМР	☑ Circular	⊠ Single	I	Diameter/Dimensions:	In Water:		
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double			⊠ No □ Partially		
☐ Closed Pipe		☐ Steel		Box	☐ Triple			Fully		
Д				Other: Semicircle	☐ Other:			With Sediment:		
Other:			Guier. <u>Semiencie</u>				☐ Partially☐ Fully			
	[Concrete		☐ Trapezoid		,	Depth:			
		Earthen								
Open drainage		☐ rip-rap		Parabolic			Γop Width:			
	[Other:		Other:		I	Bottom Width:			
☐ In-Stream			nen collecting	samples)				<u> </u>		
Flow Present?	[Yes	⊠ No	If No, Ski	ip to Section 5					
Flow Description	[Trickle	☐ Moderate	e 🔲 Substantial						
Section 3: Qua	ntitativ	e Characte	rization							
				FIELD DATA FOR F	LOWING OUTF	ALLS				
P	ARAMET	ER		RESULT		UN	IIT E	QUIPMENT		
□Flow #1		Volume				Lit	er			
	,	Time to fill				Se	ec			
		Flow depth				Iı				
□Flow #2		Flow width				Ft,				
		easured length				Ft,				
		ime of travel				Se				
7	Temperature					°F				
	pН					pH U	pH Units Test strip/Probe			
	Ammonia					pp	m	Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Flow Line ☐ Paint ☐ Sediment ☐ Oily Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI						Previous Outfall ID:				
HDOT Location:			Harbor			shed: Nuuai		D 17	I N. II	
Inspection Date:		6					hang, Chelsea Iannaccio, I	Eva Ka	kone, Nate Hunter	
Time (Military):	1104		T		GPS Unit		Chelsea Iannaccio	J	-1	
Lat: Temp (oF): 85	Dain	fall (in) Lost 24	Long:	48 Hrs: 0		S Unit: GPS Landmark: mera: ETC Blue Photo #s: P1060174 - P1060175				
Land Use in Drain		fall (in.) Last 24		+6 Fils. U	Camera.	ETC Blue	PHOTO	#S. P10	00174 - P1000173	
	nage Air	ca (Check an the	и арргу).			C.				
☐ Industrial					Open :					
Ultra-Urban R	Residenti	al			☐ Institu	tional				
☐ Suburban Res	idential				Other:					
☐ Commercial					Known In	dustries:				
Notes (e.g., origin										
LOCATIO		MATE	RIAL	SH	APE		DIMENSIONS (IN	۱.)	SUBMERGED	
		⊠ RCP	□СМР	☑ Circular	⊠ Single		Diameter/Dimensions:		In Water:	
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double				⊠ No □ Partially □ Fully	
☐ Closed Pipe		☐ Steel		Box	☐ Triple				With Sediment:	
		Other:		Other:	Other:				☐ No ☐ Partially ☐ Fully	
		☐ Concrete		_	<u>I</u>					
		☐ Earthen		☐ Trapezoid			Depth:			
Open drainag	e	☐ rip-rap		☐ Parabolic			Top Width:			
		Other:		☐ Other:			Bottom Width:			
☐ In-Stream			hen collecting	samples)					<i>/////////////////////////////////////</i>	
Flow Present?		Yes	⊠ No		ip to Section 5					
Flow Description		☐ Trickle	☐ Moderate		<i>p</i> to seemen e					
Section 3: Qua		l		Substantial						
				FIELD DATA FOR F	LOWING OU	JTFALLS				
P.	ARAME	TER		RESULT		U	INIT	EC	UIPMENT	
□Flow #1		Volume				I	Liter			
I low #1		Time to fill					Sec			
		Flow depth					In			
□Flow #2		Flow width					čt, In			
_ _	-	Measured length					čt, In			
		Time of travel					Sec			
Temperature				°F						
	pН					pН	Units	Tes	st strip/Probe	
	Ammonia					I	opm		Test strip	

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP066700				Previous Outfall ID:				
HDOT Location:	Kalaeloa l	Barbers Point	Harbor		Subwatershed: Nuu	anu			
Inspection Date: 5	5/26/2016				Investigators: Ying	Zhang, Chelsea Iannaccio, Eva l	Kakone, Nate Hunter		
Time (Military): 1	1110				Form completed by	r: Chelsea Iannaccio			
Lat:			Long:		GPS Unit:	GPS Landi	nark:		
Temp (○F): 85	Rainfa	ıll (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera: ETC Blu	Photo #s: F	P1060176- P1060177		
Land Use in Drain	nage Area	(Check all tha	t apply):						
☐ Industrial					☐ Open Space				
☐ Ultra-Urban R	Residential				☐ Institutional				
☐ Suburban Res	idential				Other:				
					Known Industries:				
Notes (e.g., origin	n of outfall	l, if known):							
Section 2: Out	fall Desc	cription							
LOCATION	V	MATE	RIAL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED		
	1	⊠ RCP	☐ CMP	☑ Circular	⊠ Single	Diameter/Dimensions:	In Water: ⊠ No		
		□ PVC	HDPE	☐ Eliptical	☐ Double		☐ Partially		
☑ Closed Pipe	[☐ Steel		Box	☐ Triple		Fully		
	[Other:		☐ Other:	Other:		With Sediment:		
						□ Partially □ Fully			
	[Concrete				D. d			
_		Earthen		Trapezoid		Depth:			
Open drainage		☐ rip-rap		☐ Parabolic		Top Width:			
		Other:		☐ Other:					
☐ In-Stream			nen collecting	samples)			<u> </u>		
Flow Present?		Yes	⊠ No		p to Section 5				
Flow Description	[Trickle	☐ Moderate	e Substantial					
Section 3: Qua	ntitativ	e Characte	rization						
<u> </u>				FIELD DATA FOR FI	LOWING OUTFALLS	8			
P	ARAMET	ER		RESULT		UNIT	EQUIPMENT		
□Flow #1		Volume				Liter			
	,	Time to fill				Sec			
		Flow depth				In			
□Flow #2		Flow width				Ft, In			
_	Measured length					Ft, In			
Time of travel						Sec			
7	Temperature					°F			
	pН				F	pH Units Test strip/Probe			
	Ammonia					ppm	Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP066800					Previous Outfall ID:				
HDOT Location:	Kalaelo	a Barbers Point	Harbor		Subwate	ershed: Nuuai	nu			
Inspection Date: 5	5/26/201	.6			Investig	ators: Ying Z	Chang, Chelsea Iannaccio,	Eva Ka	kone, Nate Hunter	
Time (Military):	1115				Form co	ompleted by:	Chelsea Iannaccio			
Lat:			Long:		GPS Un	GPS Unit: GPS Landmark:				
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera:	ETC Blue	Photo	#s: P10	060178 - P1060180	
Land Use in Drain	nage Are	ea (Check all tha	at apply):							
☐ Industrial					☐ Oper	n Space				
☐ Ultra-Urban R	Residenti	al			☐ Instit	tutional				
☐ Suburban Res	idential				Other: _					
					Known 1	Industries:				
Notes (e.g., origin	n of outf	all, if known):								
Section 2: Out		_		I	105				01101450.050	
LOCATION	N				APE		DIMENSIONS (IN	N.)	SUBMERGED	
			☐ CMP	⊠ Circular	⊠ Single		Diameter/Dimensions:		In Water: ☑ No	
		□ PVC	☐ HDPE	☐ Eliptical	Double				☐ Partially ☐ Fully	
☑ Closed Pipe		☐ Steel		Box	Triple				With Sediment:	
	☐ Other: ☐ Other: ☐ C		Other:				☐ No ☑ Partially ☐ Fully			
		☐ Concrete					D .1			
_		☐ Earthen		☐ Trapezoid			Depth:			
Open drainage	e	☐ rip-rap		Parabolic			Top Width:			
		Other:		Other:			Bottom Width:			
☐ In-Stream			hen collecting	samples)					<i>,,,,,,,,,</i>	
Flow Present?		☐ Yes	⊠ No	If No, Ski	ip to Section	5				
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
Section 3: Qua		ive Characte	erization							
				FIELD DATA FOR F	LOWING C	OUTFALLS				
P	ARAME	TER		RESULT		U	INIT	EC	QUIPMENT	
□Flow #1		Volume				I	Liter			
110W #1		Time to fill					Sec			
		Flow depth					In			
□Flow #2		Flow width					et, In			
	-	Measured length					et, In			
Time of travel						Sec				
Temperature					°F			et etnie /Dr. 1		
	рН						pH Units Test strip/Probe			
	Ammonia]	opm		Test strip	

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP077000				Previous Outfall ID:					
HDOT Location:	Kalaeloa	a Barbers Point	Harbor		Subwatershed:	Nuuanu				
Inspection Date: 5	5/26/201	6			Investigators:	Ying Zhang, C	helsea Iannaccio, Eva K	akone, Nate Hunter		
Time (Military): 1	1118				Form complete	ed by: Chelsea	Iannaccio			
Lat:			Long:		GPS Unit:		GPS Landm	ark:		
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ETC	C Blue	Photo #s: P1	060181 - P1060182		
Land Use in Drain	nage Are	ea (Check all tha	at apply):							
☐ Industrial					Open Space	☐ Open Space				
☐ Ultra-Urban R	Residenti	al			☐ Institutiona	ıl				
☐ Suburban Res	idential				Other:					
					Known Industr	ries:				
Notes (e.g., origin	n of outfa	all, if known):								
Section 2: Out	fall De	scription								
LOCATION	N	MATE	ERIAL	SHA	APE	DI	MENSIONS (IN.)	SUBMERGED		
		⊠ RCP	☐ CMP		⊠ Single	Diame	ter/Dimensions:	In Water: ⊠ No		
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double			☐ Partially		
☑ Closed Pipe		☐ Steel		Box	☐ Triple			☐ Fully		
		Other:		☐ Other:	Other:			With Sediment:		
								⊠ Partially □ Fully		
		☐ Concrete				ъ 4				
_		☐ Earthen		☐ Trapezoid						
Open drainage	e	☐ rip-rap		Parabolic		Top W	idth:			
		Other:		Other:	Bottom Width:					
☐ In-Stream			hen collecting	samples)				<i></i>		
Flow Present?		☐ Yes	⊠ No	If No, Ski	ip to Section 5					
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
Section 3: Qua	ntitati	ve Characte	erization							
				FIELD DATA FOR FI	LOWING OUTF	ALLS				
P	ARAME	TER		RESULT		UNIT	E	QUIPMENT		
□Flow #1		Volume				Liter				
		Time to fill				Sec				
		Flow depth				In				
□Flow #2		Flow width				Ft, In				
_		Measured length	1			Ft, In				
Time of travel						Sec				
7	Temperature					°F				
	рН					pH Units	est strip/Probe			
	Ammonia					ppm		Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No. Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Flow Line ☐ Paint ☐ Sediment ☐ Oily Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDI	Outfall ID: SDDBP077100				Previous Outfall ID:				
HDOT Location:	Kalaeloa	a Barbers Point	Harbor		Subwatershed: Nuu	anu			
Inspection Date: 5	5/26/201	6			Investigators: Ying	Zhang, Chelsea Iannaccio, Eva K	Kakone, Nate Hunter		
Time (Military): 1	1119				Form completed by	Chelsea Iannaccio			
Lat:			Long:		GPS Unit:	GPS Landn	nark:		
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ETC Blu	e Photo #s: P	1060185 - P1060186		
Land Use in Drain	nage Are	ea (Check all tha	at apply):						
☐ Industrial					☐ Open Space				
☐ Ultra-Urban R	Residenti	al			☐ Institutional				
☐ Suburban Res	idential				Other:				
					Known Industries:				
Notes (e.g., origin	n of outfa	all, if known):							
Section 2: Out	fall De	scription							
LOCATION	N	MATE	RIAL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED		
		⊠ RCP	☐ CMP		⊠ Single	Diameter/Dimensions:	In Water: ☑ No		
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double		☐ Partially		
☑ Closed Pipe		☐ Steel		Box	☐ Triple		Fully		
		Other:		☐ Other:	☐ Other:		With Sediment:		
						⊠ Partially □ Fully			
		☐ Concrete		Tid		Double			
		☐ Earthen		Trapezoid		Depth:			
Open drainage	e	☐ rip-rap		Parabolic		Top Width:			
		Other:		Other:		Bottom Width:			
☐ In-Stream			hen collecting	samples)			<u> </u>		
Flow Present?		☐ Yes	⊠ No	If No, Ski	p to Section 5				
Flow Description		☐ Trickle	☐ Moderate	e Substantial					
Section 3: Qua	ntitati	ve Characte	erization						
_				FIELD DATA FOR F	LOWING OUTFALLS				
P	ARAME	TER		RESULT		UNIT E	QUIPMENT		
□Flow #1		Volume				Liter			
		Time to fill				Sec			
		Flow depth				In			
□Flow #2		Flow width				Ft, In			
		Aeasured length	l e			Ft, In			
Time of travel					Sec				
7	Temperature					°F			
	рН				p	pH Units Test strip/Probe			
	Ammonia					ppm	Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDDBP077110					Previous Outfall ID:			
HDOT Location: Kalae	loa Barbers Point Ha	rbor			rshed: Nuuar	nu		
Inspection Date: 5/26/20	016			Investiga	tors: Ying Z	hang, Chelsea Iannaccio, E	Eva Kakone, Nate Hunter	
Time (Military): 1124				Form cor	npleted by:	Chelsea Iannaccio		
Lat:	L	ong:		GPS Uni	t:	GPS L	andmark:	
Temp (○F): 85 Ra	infall (in.) Last 24 H	rs: 0	48 Hrs: 0	Camera:	ETC Blue	Photo #	#s: P1060187 - P1060188	
Land Use in Drainage A	rea (Check all that a	pply):						
☐ Industrial				☐ Open	Space			
Ultra-Urban Resider	ntial			☐ Institu	utional			
☐ Suburban Residentia	ıl			Other:				
Notes (e.g., origin of ou	tfall, if known):							
Section 2: Outfall I								
LOCATION	MATERI			APE		DIMENSIONS (IN		
	⊠ RCP [☐ CMP	☑ Circular	⊠ Single		Diameter/Dimensions:	In Water: ☑ No	
	□ PVC [HDPE	☐ Eliptical	☐ Double			Partially Fully	
⊠ Closed Pipe	☐ Steel		Вох	☐ Triple			With Sediment:	
☐ Other:			Other:	Other:			With Sediment. ☐ No ☐ Partially ☐ Fully	
	Concrete							
	☐ Earthen		Trapezoid			Depth:		
☐ Open drainage	☐ rip-rap		☐ Parabolic			Top Width:		
			Other:			Bottom Width:		
☐ I., €4	Other:						<u> </u>	
☐ In-Stream Flow Present?	(applicable wher	No ⊠		ip to Section :	5			
Flow Description		☐ Moderate		p to Section .	,			
Flow Description	ITICKIE	Wioderate	Substantial					
Section 3: Quantita	tive Characteriz	zation						
			FIELD DATA FOR FI	LOWING O		T		
PARAN			RESULT			NIT	EQUIPMENT	
□Flow #1	Volume					iter		
	Time to fill					Sec		
	Flow depth					In .		
□Flow #2	Flow width Measured length					t, In t, In		
	Time of travel					Sec		
Temperature					°F			
	рН				pH Units Test strip/Probe			
Ammonia					r		1	

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Section 1: Baci	Kgroun	iu Data								
Outfall ID: SDI	DBP0771	112			Previou	Previous Outfall ID:				
HDOT Location:	Kalaeloa	Barbers Point	Harbor		Subwat	ershed: Nuua	nu			
Inspection Date: 1	10/25/20	16			Investig	gators: Ying Z	Chang, Damon Hamura,	Daniel Aı	nato	
Time (Military): 1	1128				Form c	ompleted by:	Chelsea Iannaccio			
Lat:			Long:		GPS U	nit:	GPS	S Landma	rk:	
Temp (oF): 85	Raint	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera	a: ETC Blue	Pho	to #s: P10	070421	
Land Use in Drain	nage Are	a (Check all tha	at apply):							
☐ Industrial					Оре	en Space				
☐ Ultra-Urban R	Residentia	al			☐ Inst	itutional				
☐ Suburban Resi	idential				Other:					
			Known Industries:							
Notes (e.g., origin	n of outfa	all, if known):								
Section 2: Out	fall Da	cerintian								
LOCATION		_	ERIAL	SH	APE		DIMENSIONS ((IN.)	SUBMERGED	
	☐ RCP ☐ CMP ☐ Circular ☐ Sin		Single		Diameter/Dimensions:		In Water:			
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double				⊠ No □ Partially	
⊠ Closed Pipe		☐ Steel		⊠ Box	☐ Triple			•	Fully	
△ Closed Fipe									With Sediment:	
		Other: Con	<u>icrete</u>	Other:	Other:				⊠ No □ Partially	
									Fully	
		☐ Concrete		☐ Trapezoid			Depth:			
☐ Open drainage	0	☐ Earthen		☐ Parabolic			Top Width:			
□ Open uramage	C	☐ rip-rap								
		Other:	<u> </u>	Other:			Bottom Width:			
☐ In-Stream		(applicable w	hen collecting	samples)						
Flow Present?		☐ Yes	⊠ No	If No, Ski	ip to Section	ı 5				
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
g 4: 2.0		CI								
Section 3: Qua	ntitati	ve Characte	erization	FIELD DATA FOR F	LOWING	OUTEALLS				
P	ARAME	TFR		RESULT	LOWING	I	JNIT	FC	QUIPMENT	
		Volume					Liter			
☐Flow #1		Time to fill					Sec			
		Flow depth					In			
		Flow width]	Ft, In			
☐Flow #2	N	1easured length	ı]	Ft, In			
Time of travel					Sec					
Temperature					°F					
рН					pH Units Test strip/Probe			st strip/Probe		
Ammonia					ppm		Test strip			

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization** Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDDBP077200					Previous Outj	Previous Outfall ID:				
HDOT Location: Kalaeloa Barbers Point Harbor					Subwatershed	Subwatershed: Nuuanu				
Inspection Date: 5/26/2016					Investigators: Ying Zhang, Chelsea Iannaccio, Eva Kakone, Nate Hunter					
Time (Military): 1				Form complet	Form completed by: Chelsea Iannaccio					
Lat:		Long:		GPS Unit:	GPS Unit: GPS Landmark:					
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ET	C Blue	Photo #s: P	1060189 - P1060190		
Land Use in Drair	nage Are	ea (Check all the	at apply):							
☐ Industrial				☐ Open Space						
☐ Ultra-Urban R	al			☐ Institution	☐ Institutional					
☐ Suburban Residential					Other:					
					Known Indust	tries:				
Notes (e.g., origin	of outfa	all, if known):								
Section 2: Out		_								
LOCATION	N		ERIAL		HAPE		DIMENSIONS (IN.)	SUBMERGED		
		⊠ RCP	☐ CMP	⊠ Circular	⊠ Single		Diameter/Dimensions:	In Water: ☑ No		
		☐ PVC	☐ HDPE	☐ Eliptical	Double	-		Partially Fully		
☐ Closed Pipe		☐ Steel		Box	☐ Triple			With Sediment:		
		Other:		Other:	Other:			No ☐ Partially ☐ Fully		
		☐ Concrete		_						
		☐ Earthen		☐ Trapezoid			Depth:			
☐ Open drainage	e	☐ rip-rap		☐ Parabolic		-	Гор Width:			
				☐ Other:		Bottom Width:				
		Other: (applicable when collecting samples)								
☐ In-Stream		· 11	□ No	1 /	p to Section 5					
Flow Present?			☐ Moderate		p to Section 5					
Flow Description		M Trickle	Wioderate	Suostantiai						
Section 3: Qua	ntitati	ve Characte	erization							
D	A D A ME	TED		FIELD DATA FOR FI	LOWING OUTF		ит в	QUIPMENT		
PARAMI		Volume		RESULT		UNIT Liter		QUIPMENT		
□Flow #1		Time to fill					ec			
		Flow depth				I				
_		Flow width					In			
Flow #2		Measured length				Ft,				
		Time of travel					ec			
Temperature		ture				0	F			
pН						pH U	Jnits T	est strip/Probe		
Ammonia						ppm		Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization** Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDDBP077300					Previous Out	Previous Outfall ID:					
HDOT Location: Kalaeloa Barbers Point Harbor					Subwatershed	Subwatershed: Nuuanu					
Inspection Date: 10/25//2016					Investigators:	Investigators: Ying Zhang, Damon Hamura, Daniel Amato					
Time (Military): 1				Form complet	Form completed by: Chelsea Iannaccio						
Lat:		Long:		GPS Unit:	GPS Unit: GPS Landmark:						
Temp (○F): 85	Rain	fall (in.) Last 24	4 Hrs: 0	48 Hrs: 0	Camera: ET	TC Blue	Photo #s:	P1070463			
Land Use in Drain	nage Are	ea (Check all tha	at apply):								
☐ Industrial						☐ Open Space					
☐ Ultra-Urban Residential						☐ Institutional					
☐ Suburban Residential					Other:						
					Known Indus	tries:					
Notes (e.g., origin	n of outfa	all, if known):									
Section 2: Out	fall De	scription									
LOCATION	V	MATE	RIAL	SHA	APE		DIMENSIONS (IN.)	SUBMERGED			
		⊠ RCP	□СМР	☑ Circular	⊠ Single		Diameter/Dimensions:	In Water:			
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double			⊠ No □ Partially			
☐ Closed Pipe		☐ Steel		Box	☐ Triple			Fully			
		Other:		Other:	Other:			With Sediment: ☑ No			
								☐ Partially ☐ Fully			
		☐ Concrete			•		D. 4				
_		☐ Earthen		☐ Trapezoid			Depth:				
Open drainage	e	☐ rip-rap		☐ Parabolic			Top Width:				
		Other:		Other:		Bottom Width:					
☐ In-Stream (applicable when co			samples)				<u> </u>				
Flow Present? Yes			⊠ No		p to Section 5						
Flow Description		☐ Trickle	☐ Moderate	e Substantial							
Section 3: Qua	ntitati	ve Characte	erization								
<u> </u>				FIELD DATA FOR FI	LOWING OUTF	ALLS					
PARAMETER			RESULT		U	NIT	EQUIPMENT				
□Flow#1		Volume				Ι	iter				
		Time to fill				Sec					
☐Flow #2		Flow depth					In				
		Flow width					t, In				
		Measured length					t, In				
		Time of travel					Sec				
Temperature							°F				
рН						pH Units		Test strip/Probe			
Ammonia						ŗ	opm	Test strip			

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization** Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Outfall ID: SDDBP077600					Previous	Previous Outfall ID:					
HDOT Location: Kalaeloa Barbers Point Harbor						Subwatershed: Nuuanu					
Inspection Date: 10/25//2016					Investiga	Investigators: Ying Zhang, Damon Hamura, Daniel Amato					
Time (Military): 1039						Form completed by: Chelsea Iannaccio					
Lat: Long:						GPS Unit: GPS Landmark:					
Temp (oF): 85	Rain	fall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera:	Camera: ETC Blue Photo #s: P1070422					
Land Use in Drain	nage Are	ea (Check all tha	at apply):								
☐ Industrial					☐ Oper	Open Space					
☐ Ultra-Urban Residential						☐ Institutional					
☐ Suburban Res	idential				Other: _						
						Known Industries:					
Notes (e.g., origin	n of outf	all, if known):									
Section 2: Out	fall De	escription									
LOCATION	V	MATE	RIAL	SHA	APE		DIMENSIONS	(IN.)	SUBMERGED		
		⊠ RCP	□СМР	☐ Circular	Single		Diameter/Dimensions:		In Water:		
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double			- /	⊠ No □ Partially □ Fully		
☐ Closed Pipe		☐ Steel		⊠ Box	☐ Triple				With Sediment:		
		Other:		☐ Other:	Other:				⊠ No		
									☐ Partially ☐ Fully		
		☐ Concrete			•		5 1				
		☐ Earthen		☐ Trapezoid			Depth:				
Open drainage	e	☐ rip-rap		☐ Parabolic			Top Width:				
		☐ Other:		Other:		Bottom Width:					
_		hen collecting	samples)					·/////////////////////////////////////			
Flow Present?			⊠ No		ip to Section	5					
			☐ Moderate		-						
Section 3: Qua	ntitati	ve Characte	rization								
				FIELD DATA FOR F	LOWING C	OUTFALLS					
PARAMETER			RESULT		UNIT		EQUIPMENT				
□Flow#1		Volume				I	Liter				
		Time to fill					Sec				
Flow #2		Flow depth				In					
		Flow width					čt, In				
N		Measured length					et, In				
		Time of travel					Sec				
Temperature						"m	°F	т	at strip/Probo		
	pН						Units		st strip/Probe		
Ammonia						1	opm		Test strip		

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor ☐ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization** Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Attachment 11d

Outfall Reconnaissance Inventory (ORI) – 2016 Keehi Industrial Park Area ORI Report

2016 Outfall Reconnaissance Inventory (ORI) Summary

Dry weather inspections were conducted for outfalls located at Keehi Industrial Park Area (KIPA) by EnviroServices and Training Center, LLC (ETC) with the assistance of Harbors Environmental Section on June 3, 2016. Data was obtained from field observations by inspectors. Maps generated from CityWorks® and information from previous outfall reconnaissance was utilized to prepare for and assist with the inspections, which were conducted according to Consent Decree 16.c.1 and the Outfall Reconnaissance Inspection & Inventory Program.

Outfall mapping has been updated since the previous year's inspections and to reflect new findings (if any), and when safe conditions permitted, outfalls were marked with their identification number in order to assist with future inspections and mapping efforts. The result of each inspection was entered into CityWorks®, together with information associated with each outfall's characterization, presence of any suspected illicit discharge, and relevant photo documentation.

In addition to observing outfalls for any potential illicit discharges, inspectors remained vigilant throughout the inspection. During the course of inspections, small amounts of solid waste and sediment debris was noted.

In 2016, no illicit discharges were discovered. An inspection summary of each outfall is listed in the following table:

Table 1: Outfall Inspection

Location	Outfall SDD	Date	Method of Inspection	Illicit Discharge	Comment
KIPA	7605	6/3/2016	Outfall	No	
KIPA	7610	6/3/2016	Outfall	No	
KIPA	7615	6/3/2016	Nearest Manhole/ Drain Inlet	No	Gravel observed along edge of bank. Solid waste scattered.
KIPA	7620	6/3/2016	Nearest Manhole/ Drain Inlet	No	
KIPA	7625	6/3/2016	Nearest Manhole/ Drain Inlet	No	



Photograph 1: SDD7605



Photograph 2: SDD7605 Outfall.



Photograph 3: SDD7610



Photographic Documentation Outfall Reconnaissance Inventory Inspection

Honolulu Harbor—KIPA



Photograph 4: SDD7610



Photograph 5: SDD7610 Outfall.



Photograph 6: SDD7610 Adjacent unpaved driveway.



utfall Reconnaissance Inventory Inspection Honolulu Harbor—KIPA



Photograph 7: SDD7615 Gravel piled along the edge.



Photograph 8: SDD7615 Concrete barrier displaced.



Photograph 9: SDD7620



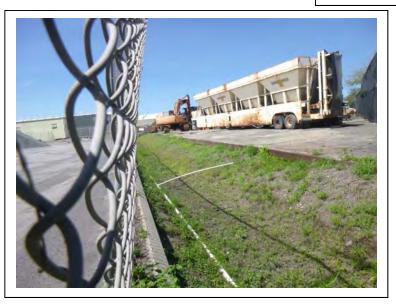
Photographic Documentation
Outfall Reconnaissance Inventory Inspection Honolulu Harbor—KIPA



Photograph 10: SDD7620



Photograph 11: SDD7625 Drainage gate.



Photograph 12: SDD7625 Swale along tenant property.



Outfall Reconnaissance Inventory Inspection Honolulu Harbor—KIPA

OUTFALL RECONNAISSANCE INVENTORY FORM

Section 1: Background Data

	0									
Outfall ID: SDD7605 HDOT Location: KIPA					Previous ID:					
HDOT Location:	KIPA				Subwatershed: Kali	hi				
Inspection Date:	06/03/20	016			Investigators: Ying 2	Zhang, Chelsea Iannaccio, Nate l	Hunter			
Time (Military):	0930				Form completed by:	Chelsea Iannaccio				
Lat: 21° 19' 21.	7"N		Long: 157° 5	33' 36.62"W	GPS Unit: Citiworks	GPS Unit: Citiworks GPS Landmark:				
Temp (°F): 86	Rain	fall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera: ETC Blue	Photo #s: P	106216 - P106218			
Land Use in Drai	nage Are	ea (Check all tha	t apply):							
☐ Industrial					☐ Open Space					
Ultra-Urban F	Residenti	al			☐ Institutional					
☐ Suburban Res	idential				Other:					
					Known Industries: S	mall boat launch, Ameron Hawa	nii Concrete			
Notes (e.g., origin	n of outfa	all, if known): S	heet flow							
Section 2: Out	fall De	escription								
LOCATIO		MATE	RIAL	SHA	APE	DIMENSIONS (IN.)	SUBMERGED			
	□ RCP □		□СМР	☐ Circular	Single	Diameter/Dimensions:	In Water:			
		□ PVC	HDPE	☐ Eliptical	☐ Double		☐ No ☐ Partially ☐ Fully			
☐ Closed Pipe		☐ Steel		Box	☐ Triple		With Sediment:			
		Other:		Other:	Other:		☐ No ☐ Partially			
							Fully			
				☐ Trapezoid		Depth:				
Open drainag	e	☑ Earthen		☐ Parabolic		Top Width:				
		☐ rip-rap		Other: Sheet flow at	low point in topography	Bottom Width:				
		Other:	_		1 1 1					
☐ In-Stream		(applicable wh	nen collecting	samples)						
Flow Present?		☐ Yes	⊠ No	If No, Ski	ip to Section 5					
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
Section 3: Qua	ntitati	ve Characte	rization							
					LOWING OUTFALLS					
Р	ARAME			RESULT			EQUIPMENT			
□Flow #1		Volume				Liter				
		Time to fill				Sec				
		Flow depth Flow width				In Ft, In				
☐Flow #2	#2 Measured length Ft, In									
Time of travel					Sec					
,	Tempera					°F				
	рН				Ia		Cest strip/Probe			
	Ammonia					ppm	Test strip			
			1		i	r r	r			

Outfall Reconnaissance Inventory Form

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint \square 2 – Easily detected distance Sulfide Other: ☐ Clear Brown ☐ Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque \square 2 – Some; indications ☐ 3 - Some; origin clear Floatables Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Petroleum (oil sheen) Other: Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION **COMMENTS** Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment ☐ Trash Deposits/Stains П Other: ☐ Inhibited Abnormal Vegetation ☐ Excessive Odors ☐ Colors ☐ Floatables ☐ Oil Sheen Poor pool quality Suds ☐ Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Ponded water present near outfall likely due to tidal influence as it was not flowing. Other Observations **Section 6: Overall Outfall Characterization**

Suspect (one or more indicators with a severity of 3)

Obvious

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Potential (presence of two or more indicators)

☐ Unlikely

OUTFALL RECONNAISSANCE INVENTORY FORM

Section 1: Background Data

	0							
Outfall ID: SDD7610 HDOT Location: KIPA					Previous ID: KIPA	01		
HDOT Location:	KIPA				Subwatershed: Kal	ihi		
Inspection Date: (06/03/20	16			Investigators: Ying	Zhang, Chelsea Iannac	cio, Nate H	unter
Time (Military): (0940				Form completed by	Chelsea Iannaccio		
Lat: 21° 19' 34.0	08"N		Long: 157° 5	3' 38.76"W	GPS Unit: Citiwork	s G	PS Landma	rk:
Temp (°F): 86	Rain	fall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera: ETC Blue	P	hoto #s: P1	060222 - P1060224
Land Use in Drain	nage Are	ea (Check all tha	t apply):					
					☐ Open Space			
Ultra-Urban R	Residenti	al			☐ Institutional			
☐ Suburban Res	idential				Other:			
☐ Commercial					Known Industries:	Ron's Concrete		
Notes (e.g., origin	of outfa	all, if known):						
Section 2: Out		scription MATE	RIAL	SHA	APE	DIMENSIONS	S (IN.)	SUBMERGED
		□RCP	СМР	☐ Circular	Single	Diameter/Dimension	ns:	In Water:
		□ PVC	☐ HDPE	☐ Eliptical	☐ Double		_	☐ No ☐ Partially ☐ Fully
☐ Closed Pipe		☐ Steel		Box	☐ Triple			With Sediment:
		Other:		Other:	Other:			No Partially Fully
		☐ Concrete						
		⊠ Earthen		☐ Trapezoid		Depth:		
Open drainage	e	☐ rip-rap		Parabolic		Top Width:		
		Other:		Other: Sheet flow at	low point in topography	Bottom Width:	_	
☐ In-Stream		(applicable wh	nen collecting	samples)				**********
Flow Present?		☐ Yes	⊠ No	If No, Ski	ip to Section 5			
Flow Description		☐ Trickle	☐ Moderate	e Substantial				
Section 3: Qua	ntitati	ve Characte	rization					
				FIELD DATA FOR F	LOWING OUTFALLS			
P	ARAME	TER		RESULT		UNIT	EC	QUIPMENT
□Flow #1		Volume				Liter		
110W #1		Time to fill				Sec		
		Flow depth				In		
Flow #2								
Measured length				Ft, In				
		Time of travel				Sec		
	Tempera	ture				°F	T.	-t -t-i/D1
	pH				p	H Units		st strip/Probe
Ammonia						ppm		Test strip

Outfall Reconnaissance Inventory Form

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint \square 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Petroleum (oil sheen) Other: Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION **COMMENTS** Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment ☐ Trash Deposits/Stains П Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors ☐ Floatables ☐ Oil Sheen Ocean water in the area appeared murky. Sediment likely discharged \boxtimes Poor pool quality Suds ☐ Excessive Algae Other: Sediment from unpaved driveway in the area. ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization**

Suspect (one or more indicators with a severity of 3)

Obvious

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Potential (presence of two or more indicators)

☐ Unlikely

OUTFALL RECONNAISSANCE INVENTORY FORM

Section 1: Background Data

occuon 1. Daci	ngi oun	u Data							
Outfall ID: SDI	D7615				Previous	s ID: KIPA-0)2		
HDOT Location:	KIPA				Subwate	ershed: Kalih	ni		
Inspection Date: (06/03/201	16			Investiga	ators: Ying Z	Thang, Chelsea Iann	accio, Nate H	unter
Time (Military): (0947				Form co	mpleted by:	Chelsea Iannaccio		
Lat: 21° 19' 33.3	37"N		Long: 157° 5	33° 32.32"W	GPS Un	GPS Unit: Google Earth GPS Landmark:			
Temp (°F): 86	Raint	fall (in.) Last 24	Hrs: 0	48 Hrs: 0	Camera:	ETC Blue		Photo #s: P10	060226 – P1060229
Land Use in Drain	nage Are	a (Check all that	apply):						
					☐ Oper	n Space			
☐ Ultra-Urban R	Residentia	al			☐ Instit	tutional			
☐ Suburban Res	idential				Other: _				
☐ Commercial					Known	Industries:			<u> </u>
Mates (a.g. origin	- of outfo	II :fl-aum): C	al that anna	to have its origin slop	- the aggregat	ad ta VID A			
Notes (e.g., origin	n of Oulia	ill, if known): C	anai tnat appe	ars to have its origin alon	g the access	road to Kir <i>e</i>	۸.		
Section 2: Out	fall Des	scription							
LOCATION	MATER	RIAL	SH	APE		DIMENSIO	NS (IN.)	SUBMERGED	
		☐ RCP	□СМР	☐ Circular	☐ Single		Diameter/Dimensi	ions:	In Water:
		☐ PVC	HDPE	☐ Eliptical	Double				☐ Partially
☐ Closed Pipe		☐ Steel		Box	☐ Triple				☐ Fully
		☐ Other:		☐ Other: Other:					With Sediment:
									☐ Partially ☐ Fully
							_		
							Depth: <u>12</u>		
Open drainage	e	☐ rip-rap		☐ Parabolic			Top Width: 36		
		Other:		Other:			Bottom Width: 24		
☐ In-Stream		(applicable wh	en collecting	samples)					<u> </u>
Flow Present?		☐ Yes	⊠ No		ip to Section	5			
Flow Description		☐ Trickle	☐ Moderate		r				
Section 3: Qua	ntitativ	ve Character	rization	FIELD DATA FOR F	LOWING C	NITEALL C			
D	ARAME	TED		RESULT	LOWING		INIT	FC	QUIPMENT
	AKAIVIL	Volume		REJULI			Liter	L	201FIVILIVI
□Flow #1		Time to fill					Sec		
		Flow depth					In		
_		Flow width				I	Ft, In		
Flow #2 Measured length				F	t, In				
	,	Time of travel					Sec		
	Temperat	ture					°F		
pH pH Units Test strip/Probe			st strip/Probe						
	Ammon								Test strin

Outfall Reconnaissance Inventory Form

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes ⊠ No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint \square 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque \square 2 – Some; indications ☐ 3 - Some; origin clear Floatables Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Petroleum (oil sheen) Other: Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ⊠ Yes □ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION **COMMENTS** Spalling, Cracking or Chipping ☐ Peeling Paint \boxtimes Outfall Damage Concrete barriers had fallen into the canal. Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment □ Trash Deposits/Stains \boxtimes Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors ☐ Floatables ☐ Oil Sheen Poor pool quality Suds ☐ Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Pipe flowing into canal had been plugged with a rock. Silt fence along canal boundary was not properly installed. Materials were being stored over the canal. Other Observations **Section 6: Overall Outfall Characterization** Suspect (one or more indicators with a severity of 3) Potential (presence of two or more indicators) Obvious Unlikely

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FORM

Section 1: Background Data

Outfall ID: SDD7620 HDOT Location: KIPA					Previou.	s ID: KIPA-0	13		
HDOT Location:	KIPA				Subwate	ershed: Kalil	ni		
Inspection Date: (06/03/20	16			Investig	ators: Ying Z	Zhang, Chelsea Ian	naccio, Nate I	Hunter
Time (Military): (0951				Form co	ompleted by:	Chelsea Iannaccio	ı	
Lat: 21° 19' 36.7	78"N		Long: 157° 5	53° 29.49°°W	GPS Un	it: Google Ea	arth	GPS Landma	ark:
Temp (°F): 86		fall (in.) Last 24		48 Hrs: 0	Camera	: ETC Blue	Ph	oto #s: P1060	230 – P1060231
Land Use in Drain	nage Are	ea (Check all tha	it apply):						
					☐ Oper	n Space			
☐ Ultra-Urban R	Residentia	al			☐ Insti	tutional			
☐ Suburban Res	idential				Other: _				
☐ Commercial					Known	Industries: <u>Ja</u>	s W Glover		
Notes (e.g., origin	n of outfa	all, if known): (Origin appears	to continue into commerc	ial / industria	al area to the	east. Upstream ma	anholes could	not be located.
Section 2: Out	fall De	scription							
LOCATION	N	MATE			APE		DIMENSIO	NS (IN.)	SUBMERGED
			☐ CMP	Circular	Single		Diameter/Dimens	sions:	In Water:
	_		☐ HDPE	☐ Eliptical	☐ Double				☐ Partially ☐ Fully
☐ Closed Pipe		☐ Steel		Box	Triple				With Sediment:
		Other:		Other:	Other:				□ No □ Partially □ Fully
		☐ Concrete		☐ Trapezoid			Depth: <u>36</u>		
Maria de la companya		Earthen		☐ Parabolic					
Open drainage	e	☐ rip-rap		☐ Other: Box culvert t	that turns int	o natural	Top Width: <u>36</u>		
		Other:		ditch			Bottom Width: 3	<u>6</u>	
☐ In-Stream		(applicable wl	hen collecting	samples)					
Flow Present?		⊠ Yes	☐ No	If No, Ski	ip to Section	5			
Flow Description		□ Trickle	☐ Moderate	e Substantial					
Section 3: Qua	ntitati	ve Characte	rization						
				FIELD DATA FOR F	LOWING	OUTFALLS			
P	ARAME	TER		RESULT		U	INIT	E	QUIPMENT
□Flow#1		Volume					Liter		
_		Time to fill					Sec		
		Flow depth					In		
□Flow #2		Flow width					Ft, In		
Measured length							Ft, In		
		Time of travel					Sec		
7	Tempera	ture					°F		
	pН					pH	Units	Test strip/Probe	
	Ammonia ppm Test strip					Test strip			

Outfall Reconnaissance Inventory Form

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? X Yes No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a □ 1 – Faint Odor \square 2 – Easily detected distance Sulfide Other: ☐ Brown Gray ☐ Yellow □ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color \bowtie outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables Sewage (Toilet Paper, etc.) ☐ Suds (e.g., obvious oil \square 1 – Few/slight; origin of origin (e.g., -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) Description of discharge source: Unable to locate upstream drainage ☐ Illicit Discharge \boxtimes Upstream Investigation (Trigger to Obvious) features. Flow appeared clear as if it were from a natural spring. Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls X Yes ☐ No Are physical indicators that are not related to flow present? (If No, Skip to Section 6) INDICATOR CHECK if Present DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage 百 Corrosion ☐ Oily ☐ Other: ☐ Flow Line ☐ Paint ☐ Sediment ☐ Trash Deposits/Stains \boxtimes ☐ Inhibited Abnormal Vegetation ☐ Excessive ☐ Odors ☐ Colors ☐ Floatables Oil Sheen Poor pool quality ☐ Suds ☐ Excessive Algae Other: Brown Orange ☐ Green Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization** Obvious Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Unlikely

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

OUTFALL RECONNAISSANCE INVENTORY FORM

Section 1: Background Data

Outfall ID: SDD7625 Previous ID: KIPA-04										
HDOT Location:	KIPA				Subwatershed: Ka	lihi				
Inspection Date: (06/03/20	16			Investigators: Ying	Zhang, Chelsea Iannaccio, Na	nte Hunter			
Time (Military):	1016				Form completed by	y: Chelsea Iannaccio				
Lat: 21° 19' 40.4	17"N		Long: 157°:	53° 27.40°'W	GPS Unit: Google	Earth GPS Lar	ndmark: Drainage Grate			
Temp (○F): 92	Rain	ıfall (in.) Last 2	4 Hrs: 0.00	48 Hrs: 0.00	Camera: ETC Blu	Camera: ETC Blue Photo #s: IMG_0160-0166				
Land Use in Drain	nage Are	a (Check all tha	at apply):							
					☐ Open Space					
☐ Ultra-Urban R	Residentia	al			☐ Institutional					
☐ Suburban Res	idential				Other:					
Commercial					Known Industries:					
Notes (e.g., origin	n of outfa	all, if known):								
Section 2: Out		_		<u> </u>						
LOCATION	N	MATE			APE	DIMENSIONS (IN.)) SUBMERGED			
		☐ RCP	☐ CMP	☐ Circular	Single	Diameter/Dimensions:	In Water:			
		☐ PVC	HDPE	☐ Eliptical	☐ Double		Partially Fully			
☐ Closed Pipe		☐ Steel		Вох	☐ Triple		With Sediment:			
		Other:		☐ Other:	☐ Other:		☐ No			
							☐ Partially ☐ Fully			
		☐ Concrete		□ m · · · · ·		D 1 40				
				Trapezoid		Depth: <u>42</u>				
Open drainage	e	☐ rip-rap		□ Parabolic		Top Width: <u>144</u>				
		Other:		Other:		Bottom Width: 36				
☐ In-Stream			hen collecting	samples)						
Flow Present?		Yes	⊠ No		ip to Section 5					
Flow Description		☐ Trickle	☐ Moderate	e Substantial						
Section 3: Qua	ntitati	ve Characte	erization							
				FIELD DATA FOR FI	LOWING OUTFALL	S				
P	ARAME	TER		RESULT		UNIT	EQUIPMENT			
□Flow #1		Volume				Liter				
		Time to fill				Sec				
		Flow depth				In				
Flow #2					Ft, In					
Measured length						Ft, In				
Time of travel						Sec				
Temperature					°F	T 4 4 1 / / / / / / / / / / / / / / / / /				
	рН]	oH Units	Test strip/Probe			
Ammonia						ppm	Test strip			

Outfall Reconnaissance Inventory Form

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow?
Yes No (If No, Skip to Section 5) CHECK if INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3) Present** ☐ Rancid/sour ☐ Petroleum/gas Sewage \bigcap 3 – Noticeable from a Odor □ 1 – Faint ☐ 2 – Easily detected distance Sulfide Other: ☐ Clear Brown Gray ☐ Yellow ☐ 1 – Faint colors in ☐ 2 – Clearly visible in ☐ 3 – Clearly visible in Color outfall flow sample bottle sample bottle Green Orange Red Other: Turbidity See severity ☐ 1 – Slight cloudiness \square 2 – Cloudy \square 3 – Opaque ☐ 3 - Some; origin clear \square 2 – Some; indications Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds \square 1 – Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Other: Petroleum (oil sheen) Trash!! sanitary materials) sheen) ☐ Illicit Discharge Upstream Investigation Description of discharge source: (Trigger to Obvious) Other Observations Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? ☐ Yes ☐ No (If No, Skip to Section 6) **INDICATOR CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion ☐ Oily ☐ Flow Line ☐ Paint ☐ Sediment Trash Deposits/Stains Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors ☐ Colors Floatables ☐ Oil Sheen Poor pool quality Suds Excessive Algae Other: ☐ Brown ☐ Orange ☐ Green ☐ Other: Pipe benthic growth Other Observations **Section 6: Overall Outfall Characterization** Potential (presence of two or more indicators) ⊠ Unlikely Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Attachment 12 Tenant Illicit Discharge Investigations

Tenant Illicit Discharges Investigations 1/1/2016 – 12/31/2016

Tenant Business Name	Date of Incident	Method of Discovery	Description	Action Taken
Paradise Cruise, Ltd.	2/17/2016	Other Observation	Per USCG, oil sheen came from star of Honolulu. Per OCS-5, two gallons of fuel from star of honolulu.	Start of Honolulu reported to USCG. PENCO is there cleaning it up.
American Marine Corporation	5/18/2016	Outfall Inspection	During a storm water outfall reconnaissance survey on May 18, 2016, DOT Harbors Environmental Section employees observed what appeared to be illicit dumping of aggregate (gray sand) and debris at Pier 24.	On May 20, 2016, Marine Cargo Specialist Paul Shimizu notified David Griffith of American Marine Corporation and emphasized that the illicit dumping was unacceptable and needed to be cleaned immediately. David Griffith responded that he had notified his client (Halawa Asphalt, LLC) and that they were sending a crew to clean up the Pier 24 site within the hour, that they would take photos after completing the cleanup, and also that they would be submitting their BMP plan early the next week. On May 23, 2016 around 0900, MCS Shimizu visited the Pier 24 site and found that it still had not been cleaned - i.e., that American Marine Corporation and Mr. David Griffith had failed to comply with written instructions emailed to them by MCS Shimizu. Clean up of the Pier 24 commenced the following morning (May 24, 2016) while another aggregate barge was standing by to be offloaded. Although offloading operations did occur during the evening of May 24, 2016, they have since been suspended by HDOT until such time that your office submits: (a) a structural analysis - certified by Registered Structural Engineer - to HDOT for review and approval that clearly indicates that your aggregate unloading operations will not structurally damage the sections of Pier 24 used; and, (b) a site-specific BMP plan for review and approval by HDOT that adequately addresses how pollution caused by aggregate being directly and indirectly dumped into the harbor will be prevented. (A BMP Plan was submitted by American Marine Corporation on June 1, 2016). Enforcement letters were sent to Mr. Mark Kuhn of A&M Trucking, Mr. Randy Grune of Hawaii Stevedores, Inc., Mr. James Niemi og Halawa Asphalt, LLC, and Mr. Scott Vuillemot of American Marine Corporation on June 9, 2016.

Tenant Illicit Discharges Investigations 1/1/2016 – 12/31/2016

Tenant Business Name	Date of Incident	Method of Discovery	Description	Action Taken
Sause Bros., Inc.	6/9/2016	Site Inspection	On June 9, 2016, during a site inspection of Sause Bros., Inc.'s staging facility at Kalaeloa Barbers Point Harbor, extensive vehicle tire tracks were observed on Malakole Street leading from the facility's main entrance. Additionally, significant amounts of sediment and tire tracks were also observed near the facility's north ingress/egress to Pier 5A yard.	An inspection report summarizing the findings of this potential stormwater illicit discharge and other, was prepared and sent to Sause Bros., Inc. on June 30, 2016, requesting response within 20 calendar days. No responses was received by 7/20/2016. HAR-EE sent a courtesy email for a follow-up. On 7/26/2016, Sause Bros replied to the email and described the BMPs being implemented at their staging facility. Another inspection was conducted on 11/22/2016 as a further verification. It was further recommended that the facility entrance be stabilized/maintained following the CCH's Fact Sheet TR-1 (enclosed with the inspection report), since portion of it appeared to be clogged with sediment. Sause Bros needed to contact HAR-EE for a follow-up inspection.
McCabe, Hamilton & Renny	8/3/2016	Other Observation	On August 3, 2016, around 1000 hours, Less than one gallon of hydraulic fluids was leaking from Hyster Forklift #740 (owned by McCable hamilton & Renny Co. Ltd.) in vicinity Pole No. 1 at Pier 5 of Kalaeloa Barbers Point Harbor.	Upon discovery, McCabe mechanics began clean up at 1030 hours and completed spill response at 1200 hours. Fluid did not reach any storm drains. On-site Alii security supervisor notified the FSO and Aloha Tower. FSO spoke to Harbor Agent. No further action is required. This incident is not considered illicit discharge.

Attachment 13 Other MISC Illicit Discharge Investigations

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
1 /6 /2016	17:34	C. Nishimura	HAR-OE	Piers 17 to 20	Oil sheen	Unknown	On the date, time, and location, Officer C. Nishimura was sent to a report of an oil sheen at Piers 18 and 19. Arrived and saw a light oil sheen between Piers 17 and 20. A line of darker oil was seen at the 300 ft. marker at Pier 19. A thorough check of the surrounding piers resulted in negative findings for the origin of the oil. It appears to be less than a gallon of oil discharged.	Unknown	Lt. Medeiros was apprised by Sgt. Todt, who was on-scene. State tower notified the various State departments. Sgt. Todt apprised USCG Lt. Kim Senick, who related that they would not be coming down to the harbor.
1 /12/2016	10:12	Clarence	HAR-OCT	Pier 5 Shoresid e	Fuel	Unknown	Approximately two gallons of fuel spill on pier side at Pier 5 of KBPH.	PCS conducted the cleanup.	HTC, HAR-EE, NRC/USCG/DOH/Harbor Master/MCS
1 /16/2016	23:29	Al		Pier 17	Oil Sheen	Unknown	Per Al, small amount of oil sheen at Pier 17, do not know where it came from.	Unknown	USCG Report to HTC around 2329 on 1/16/2016. HTC notified NRC, DOH HEER Office, Harbor Police, Harbor Master, MCS, and HAR-EE.
1 /19/2016	8:34				Unknown	Unknown	Near Sand Island, about 200 yards large oil sheen(?).	USCG will take care of it.	HTC notified NRC, DOH HEER Office, Harbor Police, Harbor Master, MCS, and HAR-EE.

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
2 /22/2016	9:05	N. Miyasato	HAR-OE	Pier 37	Oil sheen	Unknown	Light oil sheen observed while on routine patrol. The source of the sheen is unknown at this writing. The sheen appeared to be collecting next to Pier 37 and the Fishing Vessel "Black Magic".	N/A	Sgt Neal Miyasato notified HTC. HTC notified NRC, DOH HEER, Harbor Police, OCS, and HAR- EE. #OHP16-0139
2 /22/2016	8:10	N. Miyasato	HAR-OE	Pier 37	Soap suds	Unknown	HAR-OE observed soap suds in the water while on routine patrol. It appeared to be coming from the Fishing Vessel "MISS RENEE". Upon speaking to crew from the vessel. Sgt. Miyasato noticed them scrubbing and shooting down the deck. Due to a language barrier, he tried his best to tell them only to use fresh water. They appeared to have understood and stopped using the soapy water in a bucket. Warned. #OHP16-0140. NRC# 1141076	N/A	Sgt Neal Miyasato notified HTC.

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
3 /7 /2016	8:03	OCS 6	HAR-OCM	Piers 33/34	Oil sheen	Unknown	Per OCS 6, small oil sheen at Piers 33 and 34, not sure where it came from. There is barge NOA. It doesn't look like coming from NOA.	N/A	HTC notified NRC, DOH, Harbor Police, OCT, MCS, and HAR-EE.
3 /21/2016	10:12		HTC	Pier 38	Oil Sheen	Unknown			
3 /23/2016	13:30	N. Miyasato	HAR-OE	Pier 12	Milky white substance	Unknown	Neal Miyasato of HAR-OE observed a milky while (unknown) substance about 50/200 feet in length. The location is pier 12 and appears to be coming from the storm drain.	N/A	Contacted HTC to inform HAR- EE at about 1334 hours. HAR- EE personnel (Michele Freitas) walked over to the site with two Coast Guard representatives around 1415 to 1435 No signs of discharge or milky white substance in the harbor water.
5 /12/2016	23:26	Al Dlepio	HAR-OE	Pier 16 and 17	Oil Sheen	Unknown	Smell of diesel between Piers 16 and 17. Unknown exactly where smell coming from. Harbor Police also reports sheen. No demension	N/A	NRC, DOH, HP; HAR-OC, HAR- EE
5 /14/2016	8:30	Chief Mate		Pier 2B	Oil Sheen 50' x 20'	Unknown	At 0845, B1 report sheen of 50' x 20' was observed stern of Price of America at Pier 2B.	N/A	NRC, DOH, HP; HAR-OC, HAR- EE.
5 /18/2016	11:00	MF and YZ	HAR-EE	Pier 24	Aggregate		Debris of aggregate observed along pier edge and on rubber fender.	HAR-O asked American Marine	HAR-EE notified HAR-O.

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
								Corporatio n to inform the responsible party to clean it up.	
6 /2 /2016		USCG		Piers 17 to 21	Oil sheen	Unknown	Oil sheen between Piers 17 to 21. Per OCS5, it looks like sheen coming out from Pier 17.	N/A	USCG notified HTC, and then HTC notified NRC, DOH HEER Office, Harbor Police, Harbor Master, MCS, and HAR-EE.
6 /16/2016	14:26	Steven Hinton	Maricso	КВРН	Diesel Fuel	Allied Marine	On June 16, 2016, around 1438, Mr. Steven Hinton of Marisco infomed HTC that Allied Marine spilled 200 gallons of diesel fuel in KBPH. Area was boomed and clean up commenced. HTC further notified all parties including DOH.	Area was boomed and clean up commence d.	HTC notified NRC, DOH HEER Office, Harbor Police, HAR-OC, MCS, and HAR-EE.
6 /27/2016	6:29			Piers 17 to 18	Oil Sheen	Unknown	Per A1, oil sheen between Piers 17 and 18 with oil smell. Not sure where it came from. Not sure size of oil spills.	N/A	NRC, DOH, HP, HAR-OC, MCS, and HAR-EE.

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
7 /26/20:	6 10:00	Vincent Gallo	PSI	Honolulu Harbor	Variety of debris	Unknown	Vince of PSI informed HAR-EE that large volume of debris were observed in Honolulu Harbor.	Per David Lee's email dated 7/25/2016, pending sufficient manpower, HAR-OM will be launching their work boat starting 7/26/2016 for debris removal.	

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
8 /26/2016	10:55	Anna Fernandez	OEC	Pier 8 at Honolulu Harbor	N/A	Harbors Division	Nicole Stucki of Hawaiian Telcom reported to HDOH that the booms along Pier 8 construction site were not connected in the middle in two places. HDOH forwarded the complain to HDOT.	After site visit (by HAR-EE and HAR-EC) and further investigation, it was determined that the BMPs in place are appropriate for the construction work. The purpose of the yellow boom is to contain large floating debris and pieces, such as the rafts, within the construction area. The booms are not meant	DOH, OEC, HAR-EE, HAR-EC

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
						-		for	
								containing	
								oil. The	
								work that	
								is being	
								done does	
								not involve	
								oil and	
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								require	
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								absorbent	
								booms can	
								be	
								deployed	
								but will	
								come with	
								an added	
								cost to the	
								State and	
								HAR-EC	
								feels it is	
								not	
								necessary.	
						McCabe	Hydraulic fluid leaked	McCabe's mechanic	H13 (HEO Agpalsa) 0750 hours,
		Jame		Pier 2 of	Hydraulic	Hamilton	from cylinders due to	began	H1 (Chief Hanohano) 0806
9 /23/2016		Schaedel	HAR-OE	Honolulu	fluid	& Renny	possible hyperextension	clean-up at	hours, Tower 0815 hours, OC-4
		Jenacuei		Harbor	Hulu	Co. Ltd	of the upper gangway	0853 hours	0821 hours.
						CO. LIU	located at Pier 2	utilizing	0021 110013.

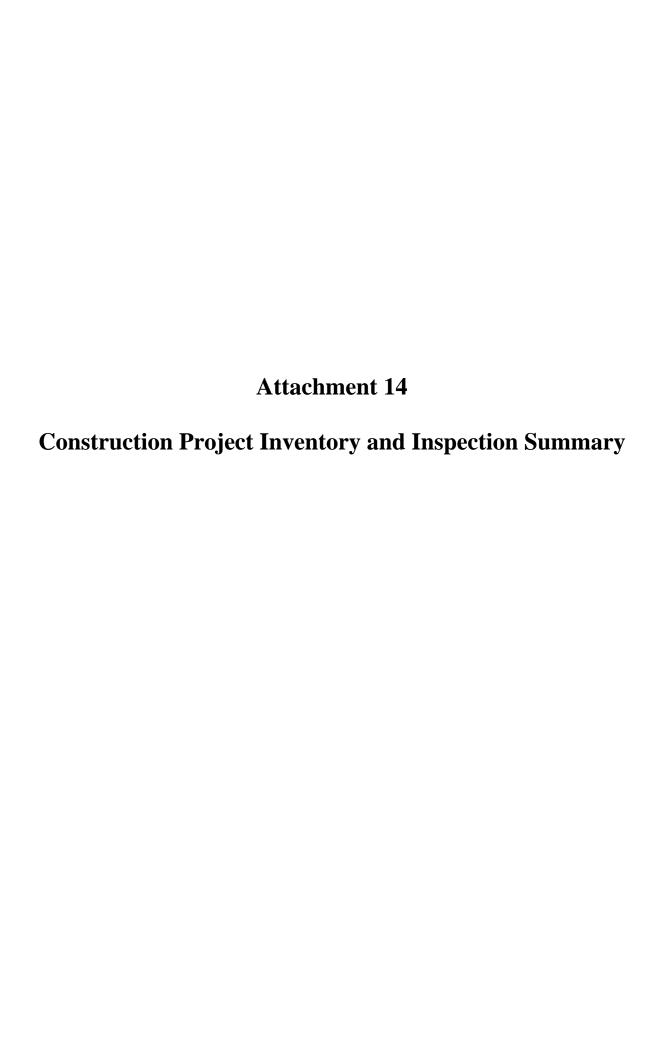
Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
								absorbent materials. Inspection at 1015 hours revealed that clean- up was completed.	
10/23/2016	12:20	Mark Po	USCG	Pier 21 area	Oil Sheen	Unknown	Approximately 12' diameter sheen observed at Pier 21 area.	·	USCG Mark, NRC, DOH, U3, H17, HAR-EE
11/10/2016	11:10	Chief Petty Officer R. Sierra	USCG	Sand Island by USCG station	Hydraulic Fluid	USCG	Oahu District Office Manager (Gary Moniz) received a phone message from USCG Hawaii whereby Chief Petty Officer R. Sierra reported that a USCG unit had spilled hydrolic fluid (about one cup) into Honolulu Harbor waters off the USCG station at approximately 1110 (11/10/2016).	An oil response unit was deployed and clean up efforts began.	HAR

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
11/10/2016	13:00	Chief Petty Officer R. Sierra	USCG	USCG station	Hydraulic Fluid	USCG	Oahu District Office Manager (Gary Moniz) received a phone message from USCG Hawaii whereby Chief Petty Officer R. Sierra reported that a USCG Cutter Kukui had observed PSI spill hydraulic fluid (about one gallon) into Honolulu Harbor waters off the USCG station at approximately 1300 (11/10/2016).	An oil response unit was deployed and cleanup efforts began.	HAR
11/7 /2016	8:46	Sgt J. Todt	HAR-OE	Piers 16 to 18	Oil sheen	Unknown	Sgt J. Todt observed a light trace of an oil sheen that was on the water surface around all the boats moored in the Pier 16 through 18 areas. The sheen could be seen drifting across the Harbor to the Coast Guard side. The oil sheen could possibly caused by the storm run-off.	No action needed.	The USCG was the reporting person. Tower notified of the findings. Tower dispatcher made notification to other agency.

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
11/21/2016		Spencer Yim	HAR-EE	Pier 11	Oil sheen	Unknown. A tour of the top deck of the Fuel Barge Noa did not reveal any indication of an oil release from the barge. Also, a visit to the site of an Hawaiian Electric work crew along Nimitz Hwy did not implicate them as a source either.	Oil sheen (rainbow colored) was noticed at the Nimitz Hwy end of Berth 11 behind the stern end of the Fuel Barge Noa which was berthed at Berth 11 at the time. The soil sheen patch was approximately 50' by 20'. Upon further investigation, an oil sheen patch (approx. 25' x 25') was also noticed at the bow end of the Fuel Barge.	None	See hyperlinked file

Date of Incident	Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
12/7 /2016		Tower operator	HAR-OCT	Piers 29 to 33	Oil Sheen	Aloha Petroleum Pump House Terminal	Oil sheen observed from Piers 29 to 33		David Bellman (Manager of the Aloha Petroleum Pump House Terminal): They would be responding and checking the area; Carlos Silva (Island Energy; formerly Chevron): he would be responding and called later to report not petroleum but a milky substance; Wayne Condit (Aloha Petroleum): Aloha Petroleum would be asking Clean Islands Council to check the area; Jordan Nakayama (Aloha Petroleum) called from the Terminal and asked if DOT Harbors had notified USCG.
12/7 /2016		Tower Operator	HAR-OCT	Pier 39 and 40	Diesel Fuel	A customer of Young Brothers	A vehicle driven by YB's customer was leaking diesel fuel (the tank was probably punctured through while she was driving on Sand Island Access by a metal object). Approximately 40 gallons of diesel fuel was leaked out of the vehicle.	Upon discovery, YB immediatel y took action and remediated the release. They also notified correspond ing agencies,	YB notifed Fire Department, Harbor Police, DOH, and other required agencies.

Date of Incident Time	Caller Name	Caller Company	Location	Substance	Responsib le Party	Description	Clean-up Actions	Further Notifications and Follow Up
							and would provide a copy of their incident report upon completion	



	Ala Moana WWPS							
Inspection Date	Туре	Summary						
7/29/2016	Final	It appeared that the construction entrance to Forrest Avenue was maintained recently. Very minor tire tracks were observed on Forrest Avenue. Please continue to maintain this entrance and to sweep track-outs back to site as necessary. Litter was accumulating along the fence line on Ilalo Street (Photo 5), possibly caused by nearby roamers (stated by Kekoa and on-site workers). On-site workers have conducted several attemp to clean it up, but it is ongoing. This is considered a final site BMP inspection for this project. Filter inserts have been removed from all four storm drain inlets on Ilalo Street (Photos 3 and 4). Former construction site on Ilalo Street has been repaved over (Photos 5 and 6). Street sign and markings are in place. Please continue to regularly maintain the biosocks and silt fence along Forrest Avenue until the completion of the whole project.						

		Fresh Island Fish Building New Addition
Inspection Date	Туре	Summary
2/11/2016	Initial	Tire tracks were observed off the construction site and on the common driveway (Photos 8 and 9). Please clean up tire tracks and debris off-site regularly and by the end of each working day. Perimeter socks are in place. However, insufficient overlapping was observed at several locations along the project boundary (Photos 5 and 6). Please rearrange the perimeter socks, so that they overlap at least six inches. Concrete washout debris was observed near the stockpile (Photo 11). Please note that, due to its high alkalinity, improper disposal of concrete washout may result in illicit discharge. Please ensure proper containment of all concrete washout. In the meantime, please berm up the stockpile using biosocks. The area should not be used as a sediment basin. Please keep a spill kit on-site. Report to Harbors in case of a spill or encounter of contaminated soil during trenching excavation. Please update the SWPPP to identify the staging area currently in use. The trench drain (east of Fresh Island Fish Building/Facility) protective BMPs were not in place at the time of the inspection. However, it was deemed not necessary since it is located upstream of the construction site. Therefore, please remove "install sediment control filter/compost filter sock around ex. trench drain" annotation on BMP Plan map.
2/23/2016	Regular	Minor tracks were observed on driveway adjacent to construction site (Photo 2). Please continue to clean up the tracks and debris regularly and by the end of each working day. Perimeter socks are in place. However, insufficient overlapping was observed at one location along the project boundary (Photo 3). Upon notification, the contractor rearranges the perimeter socks, so that they overlap at least six inches (Photo 4). Two 52-gallon drums of chemical coating materials were observed at the staging area (Photo 8). The contractor stated that these materials would be used up by the end of this week. For long term storage, both drums should be covered up with sheeting to minimize their contact with storm water. Please submit drawing(s)/plan(s) to Harbors Division for approval prior to any trenching activity taken place, and update the SWPPP to reflect the currently proposed sewage connection path (Photo 6). Please notify Harbors Division at least three(3) days in advance prior to the sewage connection to existing sewage system at Fishing Village.
3/17/2016	Regular	Please continue to clean up the tracks and debris regularly and by the end of each working day and keep up the general housekeeping during the construction phase. Kiddie Pools were used to contain concrete washout. All used Kiddie Pools are stored inside a Roll-Off container (Photo 8).

		Fresh Island Fish Building New Addition
Inspection Date	Туре	Summary
3/31/2016	Regular	Brown saw-cutting debris scattered near site entrance (Photo 5). HAR-EE notified Contractor of the finding. The Contractor acknowledged and assured that the workers would clean it up by the end of the day. Oil stains were observed on both sides of the equipment parked in the staging area (Photo 8). It is recommended that a drip plan or absorbent material be placed underneath the equipment to catch any accidential spill/leak, while parking on-site. Four pieces of worn tires were observed at the staging area (Photo 7). Please remove any waste derived from this project off-site by the end of this project. Please keep BMP plan and relevant inspection records on-site and ready for audit during next round of inspection.
5/4/2016	Regular	Insufficient overlap of perimeter socks were observed at several spots (Photo 5) but fixed right away. Eventhough majority of the exterior construction work is done, there is some loose construction materials on the ground (Photo 1). Therefore, please ensure that perimeter socks have sufficient overlap of 6" at all times. Site housekeeping condition looks good generally. Please sweep up loose materials on the ground near the new building and dispose of waste on a regular basis as usual. Keep a spill kit on-site untill the completion of the project.
6/30/2016	Final	This is a final inspection for the site. The addition to the restaurant is already in use (Photo 1). The contractor is in the process of removing materials in the staging area (adjacent to the Fresh Island Fish's facility on the north; Photos 2 and 4) and vacating the lot in about two weeks. Keep up the general housekeeping condition at the staging area and please inform Harbors Division when staging area is vacated.

		Hawaiian Ice New Freezer Building
Inspection Date	Туре	Summary
6/30/2016	Initial	No dust screen was observed along the east boundary of the construction site (Photos 1 and 3). No soil disturbance shall take in place until proper BMPs are in place. Neither fence nor compost filter socks were in place at the staging area (Photo 8). No construction material or equipment shall be placed at Lot 9 until approval for use of the lot ie issued and BMPs are installed. Please notify Harbors Division when these BMPs are in place for a follow-up inspection. Stockpile was kept within construction site (Photo 3). Keep a spill kit on-site until the completion of the project. Please keep copies of SWPPP, permits, inspection logs, and other relevant documents on-site.
7/13/2016	Followup	Perimeter dust fence in place.
9/2/2016	Regular	The stabilized construction entrance seemed partially saturated with sediment (Photo 1). However, no track-out was observed near entrance. According to onsite construction manager, only limited vehicle traffice is expected. Therefore, it is recommended that area by construction entrance be swept at least daily to minimize sediment from being tracked off the site. One of the drain inlet grates (south of the site) appeared much lower compared to the finished grade (photo 8). The inside grate support is probably broken or in a poor condition. This situation created a trip hazard for public. Please place a traffic cone by this inlet immediately and have it repaired as soon as possible. Lot 9 is not in use (Photo 4). It is recommended that the BMP plan be updated to reflect the current site usage. Keep up the general housekeeping condition and dispose of waste regularly.
10/4/2016	Regular	The stabilized construction entrance seemed partially saturated with sediment (Photo 1). However, no track-out was observed near entrance. Please continue to swept construction entrance at least daily to minimize sediment from being tracked off the site. Portion of adjacent parking lot was temporarily used for crane operation and construction material storage (Photo 5). Lot 9 is not being used for this project. Therefore, it is recommended that the BMP plan be updated to reflect this change.
10/18/2016	Regular	The stabilized construction entrance seemed partially saturated with sediment (Photo 2). However, no track-out was observed near entrance. Please continue to sweep construction entrance regularly to minimize sediment from being tracked off the site. Contractor stated that they will re-construct the entrance in two weeks. Portion of adjacent parking lots was temporarily used as staging area (Photo 1). Please continue to implement necessary measures to keep the area neat and to maintain the surrounding area safe for the public.

		Hawaiian Ice New Freezer Building
Inspection Date	Туре	Summary
11/1/2016	Regular	The stabilized construction entrance seemed partially saturated with sediment (Photo 2). However, no track-out was observed near entrance. Please continue to sweep construction entrance regularly to minimize sediment from being tracked off the site. Contractor stated that they will re-construct the entrance. Portion of adjacent parking lots was temporarily used as staging area (Photo 1). Please continue to implement necessary measures to keep the area neat and to maintain the surrounding area safe for the public. Please keep one spill kit on-site and at a conspicuous location.
11/15/2016	Regular	The stabilized construction entrance seemed partially saturated with sediment (Photo 2). However, no track-out was observed near entrance. Please continue to sweep construction entrance regularly to minimize sediment from being tracked off the site, until the disturbed area is fully paved over or stabilized. Portion of adjacent parking lots was temporarily used as staging area (Photos 1 and 6). Please continue to implement necessary measures to keep the area neat and to maintain the surrounding area safe for the public.
12/2/2016	Regular	No track-out was observed near entrance (Photo 2). Please continue to sweep construction entrance regularly to minimize sediment from being tracked off the site, until the disturbed area is fully paved over. Portion of adjacent parking lots was temporarily used as staging area (Photo 5). Please continue to implement necessary measures to keep the area neat and to maintain the surrounding area safe for the public.
12/16/2016	Regular	Minor loose soil particles were observed by construction entrance (Photo 2). Some whitish and dark-brown equipment tracking was observed near and on the grassy area in the parking lot (Photo 4). Please cleanup these area on a timely basis (e.g., by end of the day). Perimeter silt fence along the northeast corner of the construction site was removed partially (Photo 1). Please ensure that proper dust control methods (e.g., water spray) be implemented when necessary to minimize fugitive dust from migrating off-site.
12/30/2016	Regular	Continue to keep up the general housekeeping condition on a regular basis. Perimeter silt fence along the northeast corner of the construction site was removed partially (Photo 4). Please ensure that proper dust control methods (e.g., water spray) are implemented when necessary to minimize fugitive dust from migrating off-site.

HECO New Manhole 40					
Inspection Date	Туре	Summary			
9/7/2016	Initial	A dewatering pit is to be used to temporarily store and filter the groundwater derived from new manhole excavation. Derived groundwater will be pumped out and discharged to a dewatering pit adjacent to the stockpile location on the south. No written Site-Specific Best Management Practices (BMP) Plan was provided for this project. It is recommended that a written Site-Specific BMP Plan be prepared following the specifications used by Harbors Division, and provided to Harbors for review. The approved BMP Plan should be implemented throughtout the project. Please include vehicle/equipment cleaning procedure in the BMP plan and ensure that no debris will be tracked off the site. Since no perimeter silt fence is setup in place, please cover the stockpile by the end of each working day. Sediment droppings were observed on the asphalt pavement (Photo 2). Please clean up any sediment regularly and keep up the general housekeeping condition. Please keep a spill kit on-site in response to any spill incident and notify Harbors Property Manager immediately (i.e., within 24 hours).			
10/4/2016	Regular	At the time of inspection, HECO is in the process of backfilling and compacting the soil in the dewatering pit. Minor litter and soil particles scattered along the north boundary and equipment storage area (Photo 3). Please continue to swept the area and maintain the generally good housekeeping condition. Please keep a spill kit on-site and have it replenished when needed. Notify Harbors Property Manager immediately (i.e., within 24 hours), if any spill/release occurs.			
10/18/2016	Regular	Former dewatering pit has been filled with gravel and the area will be paved over in weeks. Minor litter and soil particles scattered along the north boundary and equipment storage area (Photo 3). Please clean the area and get it ready for final site inspection. Please Harbors Division informed when the site is ready for final inspection. By then, the site will be restored to its pre-existing condition. Biosocks, barricades, and other BMPs should be removed from the site.			
11/1/2016	Final	This is the final BMP inspection of this project. The whole site has been satisfactorily stabilized and new striping has been applied (Photo 1).			

HMP 20907 Piers 12 & 15					
Inspection Date	Туре	Summary			
1/11/2016	Regular	Per HHCJV, Pier 15 construction ingress/egress has been removed for preparation of pavement work. Contractor placed a steel plate over area of ponding water to prevent tracking. Pier 12 construction ingress/egress does not require maintenance at this time due to inactivity at this project site. Exposed areas at Pier 12; excavations for future slabs-on-grade, are depressed (raised edges) below grade to retain runoff and sediments. After installation of future slab on grade, contractor will be required to place bio-socks around work area. Stockpiles of excavated material are covered with plastic sheeting, with the bases encircled with biosock. It was also noted that the pavement area surrounding Pier 12 will require maintenance by sweeping up loose debris. HHCJV reported that Pier 12 project site will become active soon and maintenance will be more regular. Ongoing activities include concrete work at Pier 15. No on-land work in progress at Pier 12.			
1/22/2016	Regular	Per HHCJV, Pier 15 construction ingress/egress has been removed for preparation of pavement work. Contractor placed a steel plate over area of ponding water to prevent tracking. Pier 12 construction ingress/egress does not require maintenance at this time due to inactivity at this project site. Exposed areas at Pier 12; excavations for future slabs-on-grade, are depressed (raised edges) below grade to retain runoff and sediments. After installation of future slab on grade, contractor will be required to place bio-socks around work area. Stockpiles of excavated material are covered with plastic sheeting, with the bases encircled with biosock. It was also noted that the pavement area surrounding Pier 12 will require maintenance by sweeping up loose debris. HHCJV reported that Pier 12 project site will become active soon and maintenance will be more regular. Ongoing activities include concrete work at Pier 15. No on-land work in progress at Pier 12.			

HMP 20907 Piers 12 & 15					
Inspection Date	Туре	Summary			
2/11/2016	Regular	Per HHCJV, Pier 15 construction ingress/egress has been removed for preparation of pavement work. Contractor placed a steel plate over area of ponding water to prevent tracking. Pier 12 construction ingress/egress requires routine maintenance at this time since activity has begun. Exposed areas at Pier 12; excavations for future slabs-on-grade, are depressed (raised edges) below grade to retain runoff and sediments. After installation of future slab on grade, contractor will be required to place bio-socks around work area. Stockpiles of excavated material are covered with plastic sheeting, with the bases encircled with biosock. Pier 12 is actively excavating for utility lines. Stockpile is temporarily covered with plastic sheeting and will properly secured at end of shift. It was also noted that the pavement area surrounding Pier 12 will require maintenance by sweeping up loose debris. Ongoing activities include concrete work at Pier 15 and excavation for utility lines for Pier 12.			
2/25/2016	Regular	Per HHCJV, Pier 15 construction ingress/egress has been removed for preparation of pavement work. Contractor placed a steel plate over area of ponding water to prevent tracking. Exposed areas at Pier 12; excavations for future slabs-on-grade, are depressed (raised edges) below grade to retain runoff and sediments. After installation of future slab on grade, contractor will be required to place bio-socks around work area. Sawcutting work was performed on Nimitz Highway and a vaccum was used to remove runoff. Stockpiles of excavated material are covered with plastic sheeting, with the bases encircled with biosock. Pier 12 is actively excavating for utility lines. Stockpile is temporarily covered with plastic sheeting and will properly secured at end of shift. It was also noted that the pavement area surrounding Pier 12 will require maintenance by sweeping up loose debris. Ongoing activities include concrete work at Pier 15 and excavation for utility lines and pile driving for Pier 12.			

		HMP 20907 Piers 12 & 15
Inspection Date	Туре	Summary
3/11/2016	Regular	Per HHCJV, Pier 15 construction ingress/egress has been removed for preparation of pavement work. Contractor placed a steel plate over area of ponding water to prevent tracking. Exposed areas at Pier 12; excavations for future slabs-on-grade, are depressed (raised edges) below grade to retain runoff and sediments. After installation of future slab on grade, contractor will be required to place bio-socks around work area. Sawcutting work on Nimitz Highway. Vacuum used to remove water runoff. Stockpiles of excavated material are covered with plastic sheeting, with the bases encircled with biosock. It was also noted that the pavement area surrounding Pier 12 will require maintenance by sweeping up loose debris. Ongoing activities include concrete work and excavation at Pier 15. Pier 12 is idle.
3/28/2016	Regular	Per HHCJV, Pier 15 construction ingress/egress has been removed for preparation of pavement work. Contractor placed a steel plate over area of ponding water to prevent tracking. Exposed areas at Pier 12; excavations for future slabs-on-grade, are depressed (raised edges) below grade to retain runoff and sediments. After installation of future slab on grade, contractor will be required to place bio-socks around work area. Stockpiles of excavated material are covered with plastic sheeting, with the bases encircled with biosock. Ongoing activities include concrete finish work at Pier 15. Pier 12 idle.
4/27/2016	Regular	Per HHCJV, Pier 15 construction ingress/egress has been removed for preparation of pavement work. Active excavation work caused debris in the area. HHCJV to clean up at end of day. Pier 12's ingress/egress has been removed for installation of new utility conduits. Tracking was observed leaving the project site. YKE/DOT Harbors recommended the tires of the construction vehicles be rinsed down before leaving the site. Exposed areas at Pier 12; excavations for future slabs-on-grade, are depressed (raised edges) below grade to retain runoff and sediments. After installation of future slab on grade, contractor will be required to place bio-socks around work area. Pier 12 silt fence should be resecured. Drain inlet protection outside Pier 12 needed to be cleaned. HHCJV stated the drain inlet protection was not their's but will clean it out.
7/25/2016	Regular	Pier 12 and 15 subgrade is prepared to start paving work at the end of the week. All exposed subgrade is depressed approximately 2.5 inches to retain. Pier 12 storm drain inlet has debris and requries cleaning. HHCJV stated that the drain inlet protection is not their property but will clean. Pier 12 silt fence requires maintenance. The contractor has been notified.

	HMP 20907 Piers 12 & 15								
Inspection Date	Туре	Summary							
8/12/2016		This is the final BMP inspection for this project. Pier 12 and 15 has been paved. No ingress / egress needed. Pier 12 storm drain inlet has debris and requries cleaning. HHCJV stated that the drain inlet protection is not their property but will clean.							

		Matson Molasses System Demo
Inspection Date	Туре	Summary
6/20/2016	Initial	The size of the Staging Area appeared to be using half of the originally planned area (Photo 12). Please update relevent information and figures in the SWPPP to reflect the current site usage. Please attach training log to the SWPPP. This is the Initial Site BMP Inspection. Representatives from Matson: John Fackrell, Keahi Birch. Representative from Penhall Company: Robert Olds.
8/23/2016	Regular	Minor tire tracks were observed by construction site entrance (Photo 1). Please maintain the stabilized ingress/ergress when necessary and sweep up sediment and tire tracks on a timly basis (i.e., by the end of each working day) to minimize the track-out. One 55-gallon drum, containing residual molasses from a previous cleanup event, was observed onsite (Photo 11). It is recommended that this drum of waste be disposed of properly by the end of the project. Meanwhile, please dispose of the accumulated mixture in the concrete pit (Photo 12) regularly. Keep up the good housekeeping practices. This is a regular Site BMP Inspection. Other representatives on-site include Keahi Birch from Matson and Robert Olds from Penhall Company.
10/3/2016	Regular	Majority of the slope to the depressed area has been stabilized using gravel and rock (Photo 3). The contractor plans to stabilize the slope and limit public access to this depressed area. Cleanup the loose particles on the ground and keep up the good housekeeping condition. This is a regular BMP Inspection. Representative from Matson: Keahi Birch.
10/18/2016	Regular	Exposed area is now filled with gravel (Photo 1). Biosocks were in place along the project boundary. However, sediment and debris were observed accumulating at several spots around the biosocks and frac tanks.(Photos 2, 3, 5, and 7). Please clean up the loose debris and litter on the ground. It is our understanding that the frac tanks used to contain residual molasses will stay on-site. Therefore, it is recommended that a spill kit be kept on site. It is anticipated that the final inspection for Phase I and II of this project will take in place on November 1, 2016.
11/1/2016	Regular	It is recommended that the detention pit in the leased area by Storm Drain Inlet No. SDIHO518378 be fully barricaded to prevent accidental access (Photo 3). Please continue to keep up the good housekeeping condition until the completion of this project. Penhall company representative stated that those remaining frac tanks and drums (Photos 2 and 3) will be removed from the site, hopefully within two weeks. Noted that southeast portion of former tank yard used by Hawaiian Dredging as staging area (Photo 1). This is the final BMP inspection for Phases 1 and 2 of this project. Other on-site representatives included Keahi Birch (Matson) and Robert Olds (Penhall Company).

	Matson Molasses System Demo									
Inspection Date	Type	Summary								
11/18/2016	Regular	A dewatering area is setup at staging area and used to temporarily store and filter the groundwater derived from excavation pits along the molasses pipes. Minor track-out was observed outside of the fenced staging area near south entrance. Please sweep up the entrance area regular to minimize track-out. Note that the total number of proposed excavation pits has been reduced to 5. Keep a spill kit on-site. This is the initial BMP inspection for Phase III of this project. Other on-site representatives included John Fackrell (Matson) and Robert Olds (Penhall Company). Based on the size (Photo 1) and potential sediment and erosion risk of this project's current phase, it is recommended that the regular BMP inspection be temporarily suspended, until it is time for a final site BMP inspection.								

Attachment 15 DOT Harbors Division Projects Review Inventory

HC Number	Date	NPDESPermitNo	ProjectLocation	Harbor	ProjectTitle	ProjectDescription	Remarks
HC_10558	10/19/2016		Piers 10 and 11	Honolulu Harbor	Repair Roof at Pier 10-11 Shed, Honolulu Harbor, Oahu, Hawaii	The scope consists of various roof repairs at Piers 10 and 11 Shed. Major items of work include repairing termite damage and deteriorated wood members, repairing corroded steel beams, repairing a delaminated concrete column and hazardous material removal. The selective demolition will involve lead abatement procedure on components identified to contain lead paint. Repairs will involve installation of new roof materials, framing lumber, roof sheathing, fasteners and anchorage, flashing and trims, fluid-applied waterproofing system, potential relocation and re-installation various mechanical piping, electrical conduits and lightings. New work and items installed will be finished by painting. Work shall also include all testing, certifications, clean up and any other incidental items necessary to complete the work. The selective demolition will involve lead abatement procedure on components identified to contain lead paint. Repairs will involve installation of new roof materials, framing lumber, roof sheathing, fasteners and anchorage, flashing and trims, fluid-applied waterproofing system, potential relocation and re-installation various mechanical piping, eletrical conduits and lightings. New work and items installed will be finished by painting. Work shall also include all testing, certifications, clean up and any other incidental items necessary to complete the work.	Exempt from Harbors Construction and Post- Construction programs.
HC_10559	2/10/2016		Pier 11	Honolulu Harbor	Secure Fire Escapes at Harbors Administration Building.		Exempt from Harbors Construction and Post- Construction programs.
HC_10563	8/18/2016		Piers 26 to 28	Honolulu Harbor	Lighting Repairs at Piers 26 to 28, Oahu		Receive revised BMP plan on 9/19/2016.
HC_10579	4/29/2016		Piers 21 and 24	Honolulu Harbor	Repair Stairs at Pier 21 Office and Pier 24 Harbor Police Building, Honolulu Harbor, Oahu, Hawaii	The scope of work for this project consists of 1) Demo and remove existing stairs at Piers 21 and 24; 2) Install new stairs at Piers 21 and 24	Exempt from Harbors Construction and Post- Construction programs.
HC_10593	3/28/2016		Pier 39	Honolulu Harbor	Concrete Pavement Repairs At Pier 39, Honolulu Harbor.	This project involves repairing concrete pavement slabs at Pier 39.	Exempt from Harbors Construction and Post- Construction Programs.
HC_10594	1/11/2016	HI R10C108	Piers 51 to 53	Honolulu Harbor	FY 16 One-Year Pavement Repairs at Matson Container Yard, Honolulu Harbor	The project will involve cold planing, replacing the base course, preparing the subbase, applying a new bituminous tack coat, placing new Hot Bituminous Asphalt Pavement, and placing new pavement markings in a portion of the Matson container yard at Honolulu Harbor, Oahu.	Exempt from Harbors Post- Construction programs.
HC_10597	3/7/2016		Pier 2	Honolulu Harbor	Repair Concrete Island at Pier 2, Honolulu Harbor, Oahu, Hawaii	The work consists of, but is not limited to, the following: A. Removing and disposing of the existing concrete island, base course material and tree roots. B. Installing new base course material and a new concrete island.	Exempt from Harbors Construction and Post- Construction programs.
HC_10600	3/1/2016		Pier 17	Honolulu Harbor	Substructure Repairs at Pier 17, Honolulu Harbor	Scope of work includes: A. Mobilization and demobilization. B. Providing a BMP Plan. C. Performing substructure repairs including the following: 1. Sounding of all concrete surfaces for spalls and delaminations on the concrete substructure in the vinicity of repair locations shown on the project plans. 2. Repair of spalls and delaminations on slabs and beams on the concrete substructure. As an alternate repair, severely spalled precast planks may be replaced entirely.	Exempt from Construction and Post-Construction programs.
HC_10603	2/11/2016		Pier 51	Honolulu Harbor	Repair shore power receptacles at Pier 51, Honolulu Harbor	The scope of work consists of, but is not limited to, removing and replacing the branch circuit conductors from switchboard no. 2 to the utility hatch #1888. Also removing and replacing rods and hangers for exposed eletrical ducts associated with the utility hatch # 1473.	Exempt from Harbors Construction and Post- Construction programs.

HC Number	Date	NPDESPermitNo	ProjectLocation	Harbor	ProjectTitle	ProjectDescription	Remarks
HC_10610	10/17/2016		Aloha Tower (Pier 9)	Honolulu Harbor	Repair Fire Alarm System at Aloha Tower, Honolulu Harbor, Oahu	The work to be done on this project includes furnishing all labor, materials and equipment necessary to replace the existing central fire alarm monitoring equipment at Aloha Tower; digital alarm communicator panels at Piers 2, 13/14, 19, 32, and 52 at Honolulu Harbor; digital alarm communicator panel at Pier 5 at Kalaeloa Barbers Point Harbor; and testing/programming of the existing fire alarm commnication equipment at Pier 11 at Honolulu Harbor to ensure proper communication with the new central monitoring equipment at Aloha Tower.	Exempt from Harbors Construction and Post- Construction programs.
HC_10611	3/9/2016		Piers 8 and 9	Honolulu Harbor	Substructure Repairs at Piers 8-9, Honolulu Harbor, Oahu, Hawaii	The scope of work for this project consists of repairing spalls and delaminations on the underside of the pier.	This project is exempt from Harbors Construction and Post- Construction programs.
HC_10613	1/20/2016		Pier 18	Honolulu Harbor	Demolition of Wood Wharf and Electrical Repairs at Pier 18, Honolulu Harbor, Oahu	Mobilization and demobilization. Providing a BMP Plan.	Exempt from Harbors Construction and Post- Construction programs. Received BMP Plan on 9/19/2016
HC_10624	5/18/2016			Kalaeloa Barbers Point Harbor	Repair Lighting Handholes at Kalaeloa Barbers Point Harbor, Oahu, Hawaii	C. Performing replacement of the existing handholes including replacement of the existing handholes and covers with standard 2' x 4' State electrical concrete handhole with precast concrete cover similar	Exempt from Harbors Construction and Post- Construction Programs. Received BMP Plan on 7/26/2016
HC_10627	3/10/2016		Aloha Tower	Honolulu Harbor	Aloha Tower Beacon and Frame Repair, Honolulu Harbor, Oahu, Hawaii	The scope of work consists of replacement of the existing harbor navigation beacons and the associated frame and ladder on the Makai exterior face of Aloha Tower at Honolulu Harbor, Oahu.	This project is exempt from Harbors Construction and Post- Construction programs.
HC_10630	8/1/2016		Pier 6		Install New Double-Bitt Bollard at Pier 6, KBPH		Exempt from Harbors Construction and Post- Construction Programs as "minor land disturbance activities".
HC_10633	12/9/2016		Keehi Industrial Lots	Honolulu Harbor	Demolish Fire Damaged Shed, Keehi Industrial Lots, Oahu	Demolish a shed damaged by fire, at Keehi Industrial Lots.	
HC_10634	5/18/2016		Piers 1 and 5 to 7	Kalaeloa Barbers Point Harbor	Repaint Light Poles at Kalaeloa Barbers Point Harbor, Oahu, Hawaii	C. Properly preparing the existing surfaces.	Exempt from Harbors Construction and Post- Construction Programs.

HC Number	Date	NPDESPermitNo	ProjectLocation	Harbor	ProjectTitle	ProjectDescription	Remarks
HC_10635	10/21/2016		Former Oahu District Office at Pier 11	Honolulu Harbor	Repair Former Oahu District Office	H. Furnish and install new flooring and base. I. Dissassemble, temporarily store and reassemble existing owner furnished systems furniture; remove	Exempt from Harbors Construction and Post- Construction Programs as "repair and maintenance activities."
HC_10636	9/30/2016		Pier 2	Honolulu Harbor	Repair Concrete Wall at Pier 2, Honolulu Harbor	The scope of work consists of repairing a concrete wall at the Harbors Division "Ballpark" parking lot at Pier 2, Honolulu Harbor.	Exempt from Harbors Construction and Post- Construction programs.
HC_10637	11/21/2016		Piers 10 and 11	Honolulu Harbor	Repair Gutter System at Piers 10 and 11 Terminal, Honolulu Harbor, Oahu, Hawaii	The work to be done on this project consists of furnishing all labor, materials, equipment and other expenses required to repair the existing metal gutter system on the Diamond Head side of the Piers 10 and 11 Terminal, Honolulu Harbor, Oahu, Hawaii	Exempt from Harbors Construction and Post- Construction programs.
HC_10638	11/21/2016		Piers 19-20	Honolulu Harbor	Substructure Repairs at Piers 19-20	The work to be done on this project includes furnishing all labor, materials, and equipment necessary to repair spalls and delaminations at Piers 19 and 20 of Honolulu Harbor, Oahu, Hawaii. It includes, but is not necessarily limited to, the following major items of work: A. Mobilization and demobilization. B. Providing a BMP Plan. C. Performing substructure repairs including the following: Sounding of all concrete surfaces for spalls and delaminations on the concrete substructure in the vicinity of repair locations shown on the project plans. Repair of spalls and delaminations on slabs, beams and piles on the concrete substructure.	Exempt from Harbors Construction and Post- Construction Programs.
HC_10639	11/21/2016		Pier 34	Honolulu Harbor	Substructure Repairs at Pier 34	C. Performing substructure repairs including the following: Sounding of all concrete surfaces for spalls	Exempt from Harbors Construction and Post- Construction Programs.

HC Number	Date	NPDESPermitNo	ProjectLocation	Harbor	ProjectTitle	ProjectDescription	Remarks	
HC_10642	10/25/2016		Pier 40	Honolulu Harbor	Repair Sewerline At Pier 40 of Honolulu Harbor.			
HC_10643	10/25/2016		Pier 40	Honolulu Harbor	Repair Pavement at Pier 40, Honolulu Harbor		Exempt from Harbors Construction and Post- Construction programs	
HC_10644	8/18/2016		Piers 51 to 52	Honolulu Harbor	Repair Fence at Piers 51-52, Honolulu Harbor, Oahu, Hawaii	The work consists of, but is not limited, the following: A. Removing the existing fence. B. Installing new footings and a new fence. C. Maintaining security.	Exmpt from Harbors Construction and Post-Construction Programs.	
HC_10649	10/10/2016		Piers 39 and 40	Honolulu Harbor	Repair Light Poles at Piers 39 and 40, Honolulu Harbor, Oahu, Hawaii.	The work to be done includes, but is not necessarily limited to, the following major items of work: A. Mobilization and demobilization. B. Providing a BMP Plan. C. Cleaning and coating light poles pedestals, stanchions, and fire hydrants at 23 locations. At one of those locations a severely corroded light pole will be replaced.	Exempt from Harbors Construction and Post- Construction programs.	
HC_10651	11/21/2016		Piers 10-11	Honolulu Harbor	Substructure and Waterline Repairs at Piers 10-11	The work to be done on this project includes furnishing all labor, materials, and equipment necessary to perform substructure repairs and applying an epoxy coating at Piers 10-11, Honolulu Harbor, Oahu, Hawaii	Exempt from Harbors Construction and Post- Construction Programs.	
HC_10653	9/6/2016		Fort Armstrong	Honolulu Harbor	FY 17 One-Year Maintenance Contract for Pavement Repairs at Fort Armstrong, Honolulu Harbor.	The scope of work consists of repairing damaged asphalt concrete pavement at the Fort Armstrong container yard area, Honolulu Harbor. The work also includes placing new pavement markings.		
HC_10656	10/10/2016		Pier 32 Shed	Honolulu Harbor	Window Repairs at Pier 32 Shed	Replace the existing fiberglass panels and steel frame members at the clerestory windows and related painting of the new ones at Pier 32 Shed of Honolulu Harbor.	Exempt from Harbors Construction and Post- Construction Programs.	
HC_10657	10/28/2016		Pier 2 Passenger Terminal	Honolulu Harbor	Renovate Pier 2 Passenger Terminal Inspection Room into VIP Passenger/Multi-Purpose Room, Honolulu Harbor	Renovating the Pier 2 Passenger Terminal Room into a VIP Passenger/Multi-Purpose Room.	Exempt from Harbors Construction and Post- Construction programs.	
HC_10663	11/10/2016		Pier 31 Shed	Honolulu Harbor	Repair Lattice Truss at Pier 31 Shed, Honolulu Harbor.	This project is scoped to repair two lattice trusses at the Pier 31 Shed at Honolulu Harbor, Oahu, Hawaii including following major items: A. Mobilization and demobilization. B. Providing a BMP Plan. C. Performing repairs two lattice trusses D. Replacing leaking gutters with new stainless steel gutters above the trusses. E. Lead-Based Paint (LBP) Abatement and Disposal Plan.	Exempt from Harbors Construction and Post- Construction programs.	

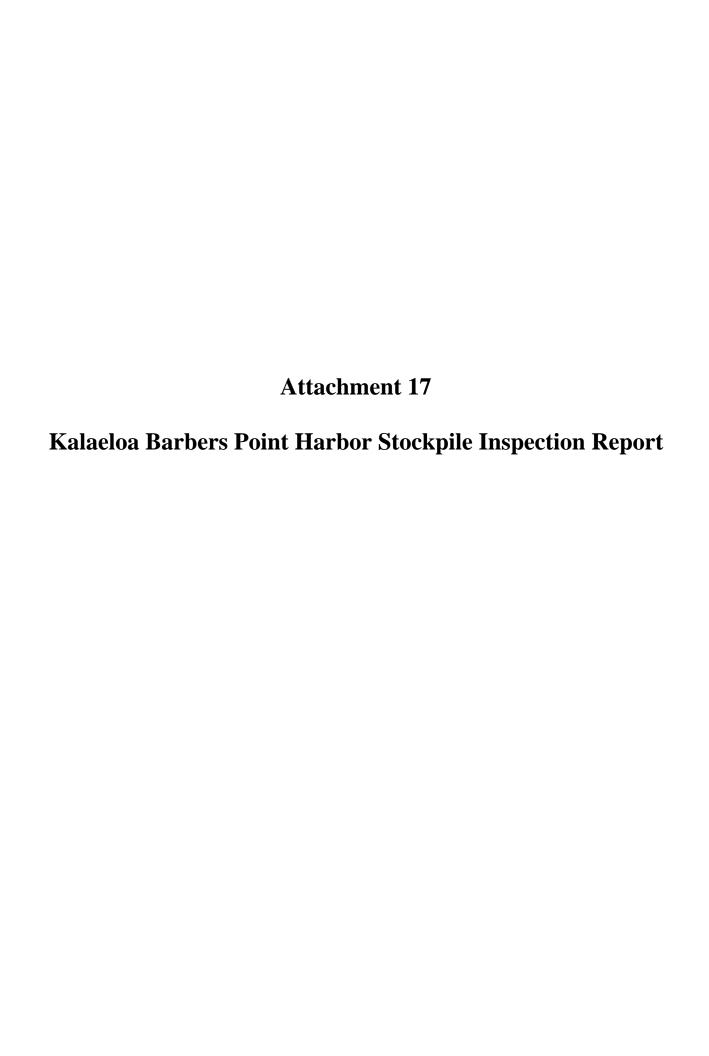
Attachment 16 Tenant Projects Review Inventory

Tenant Construction Projects Reviewed

Tenant Name	Date	NPDES Permit No	Project Location	Harbor	Project Title	Project Description	Remarks
Fresh Island Fish	1/19/2016		Pier 38	Honolulu Harbor	Addition to Uncle's Restaurant Project	Construction Activities for the Addition to Uncle's Restaurant Project at Pier 38 may include the following: Excavation and Subgrade Preparation; Placing imported clean fill to building subgrade; Installation of low-profile plastic pipe directly on the subgrade (no trenching); Placement of a gravel cushion layer and geotextile substrate on the subgrade; Application of a syray-on high-build polymeric asphaltic (PMA) emulsion to the geotextile substrate (dries in 24 hours); Placement of a 2-inch thick sand layer and geotextile protective layer over the PMA; Placing imported clean fill below floor slab; Excavation of utility trenches; Installation of utilities and trench backfill; Pavement (asphalt concrete and concrete) construction; Stockpile of excavated soils for characterization; Transport any petroleum-contaminated soils off-site for disposal.	
Kapolei Hawaii Property Company, LLC	1/12/2016		Stockpiles 3 and 4	Kalaeloa Barbers Point Harbor	Kalaeloa Stockpile 3 & 4 Removal	This project involves the removal of Stockpiles 3 and 4 at Kalaeloa Barbers Point Harbor. Construction activities include clearing & grubbing, grading, crushing of coralline material, and hauling of material.	
Marisco, Ltd.	1/1/2016		Pier 9	Kalaeloa Barbers Point Harbor	Electrical Service Installation	Installation of conduit and concrete pad for new power line.	This project is exempted from Harbors Construction and Post-Construction Programs - less than one acre and minor land disturbance.
Matson Navigation Company, Inc.	5/3/2016	HI R10E975 (NOI-C); HI R80A152 (NOI-B)	Sand Island Pier 51 to 53	Honolulu Harbor	Matson Molasses System Decommissioning Project	Demolition of two aboveground storage tanks and existing pump station & tank farm piping system, permanent stabilization of tank area with gravel, demolition and removal of under-pier piping, excavation of eleven pits. Phase I: Demolition of: o Tank 2 (94 foot diameter by 40 feet high welded steel molasses storage tank with a total capacity of 2,000,000 gallons) o Tank 2 concrete ring beam o Tank 2 light fixtures and associated wiring o Tank 2 above-ground air header piping system o Crossover walkway between Tanks 1 and 2 Permanent stabilization of Tank 2 area with gravel Phase II: Excavation of eleven pits (approximately 6' foot square by 4' deep each) in order to access the main 20' pipeline and drain molasses Demolition and removal of nine laterals (extensions from the main 20" pipeline to the pier face, which will remain in place) and associated riser outlet connections; Phase III: Demolition of: o Tank 1 (94 foot diameter by 40 feet high welded steel molasses storage tank with a total capacity of 2,000,000 gallons) o Tank 1 light fixtures and associated wiring o Tank 1 light fixtures and associated wiring o Tank 1 light fixtures and associated wiring o Tank 1 20" carbon steel discharge pipe and valves	According to ROH: Chapter 14, Article 13, this project is excluded from having to obtain an Erosion and Sediment Control Plan and Grading Permit as follows: 1) Excavation and backfill for the structures being demolished and excavation pits will occur within the structure/excavation pit foot print; 1) Excavation and backfill for the structures/excavation pit will not alter the general drainage pattern; 3) Excavation pits along the molasses piping can be considered exploratory excavations since the purpose would be to locate the pipe. The excavation pits will then be backfilled and restored to original conditions. Each excavation pit will not individually exceed 50 cubic yards.
Nicos	1/19/2016		Pier 38	Honolulu Harbor	Multi-User Building Renovation at Lot 7 (Nico's)	Renovating Multi-User Building at Pier 38	Exempt from Harbors Post-Construction program requirements. The tenant needs to complete Notification Form for Project Sites Disburbing less Than One Acre form and a Small Project Erosion and Sediment Control Plan Drawings for this project and submit both to Harbors for approval.
Pacific Shipyard International, LLC	10/11/2016		Piers 24 and 25	Honolulu Harbor	Phase I - Terminal Relocation, Solar Photovoltaic Canopy	This project will involve the excavation and construction of a 41,000 square-foot open canopy structure and installation of a 744 kW solar photovoltaic system on their future site at Piers 24 & 25.	

Tenant Construction Projects Reviewed

Tenant Name	Date	NPDES Permit No	Project Location	Harbor	Project Title	Project Description	Remarks
University of Hawaii	9/30/2016		Pier 35	Honolulu Harbor		The project is a continuation of the Building Improvement Project at Pier 35 initiated by the Department of Transportation, Harbors Division for the University of Hawaii Marine Center, including installing 15 visitor parking stalls and two accessible stalls at the Nimitz side of the building near brig line 1; providing fire stopping between the fluted steel decking and partitions, sealing the openings: replacing the existing metal siding (or patching/repairing/painting holes on existing metal siding along grid line 1; (for grid lines 1 through 8) converting existing Office Room 102 into an Acid Washroom Room 102, retrofitting existing aluminum entrance door with power assisted door operator, resurfacing the existing concrete landing with polymer modified concrete topping to bring the fillor elevation to meet the ADA guidelines; (for grid 8 through 10) scarifing and repaving the existing asphaltic concrete floor between grid lines 8 thru 10 and grid line A thru B, removing and replacing the corroded metal angle on the existing CMU curb on grid line A between grid lines 8 thru 10, proparing and painting the existing along grid line A between grid lines 8 thru 10; (for grid lines 10 thru 12) removing the existing asphaltic concrete fillor, metal angle, and new concrete curb, installing 3 stainless steel inserts into the new concrete floor to hold down the wire spooling equipment, cleaning and painting the existing drywall on grid line 12; providing new 5-0" wide concrete sidewalk along grid line A, preparing and painting the existing CMU wall on grid line 12; providing new 5-0" wide concrete sidewalk along grid line A, preparing and painting the existing drywall on grid line A, cleaning and painting the existing drywall on grid line A, reparaile the storage into two spaces, providing 31 pallet racks, providing a 6-foot high chain link fence with swinging dates to reparate the storage into two spaces, providing 31 pallet racks, providing and painting the existing drywall on grid line A, maintaining or replacing exi	Exempt from Harbors Construction And Post-Construction



KALAELOA BARBERS POINT HARBOR STOCKPILE INSPECTION

Date of Inspection: November 2, 2016 **Inspector**: Spencer Yim (HAR-EE)

An annual inspection of the coral stockpiles at Kalaeloa Barbers Point Harbor was conducted to determine the general condition of the chemical stabilization, sediment barriers and natural vegetation barriers. Chemical stabilization and sediment barriers were applied to Stockpiles 2, 3 and 4 in November 2012. Stockpile 5 received chemical stabilization treatment in February 2014. No chemical stabilization has been applied to the stockpiles since February 2014.

As found in the previous 2015 annual inspection, substantial natural vegetation growth continues to exist at most of the stockpiles due to ample rainfall received over past months. Vegetation growth has stabilized much of the bottom slope areas and reduces bio-sock exposure to the elements – enhancing and prolonging their effectiveness. Vegetation growth has also served to stabilize much of the sloped portions of the stockpiles.

Stockpile 1: This stockpile was completely removed by Kapolei Development earlier in 2015.



Figure 1: Former site of Stockpile 1

Stockpile 2A: Earlier in 2016, Kapolei Partners removed approximately 40, 000 cubic yards of material from the west end of Stockpile 2A. Figure 2 shows the access road to the mined site. Runoff from this site flows to the open former Stockpile 1 site where it would be contained for the most part. The former Stockpile 1 site is surrounded by concrete pile butts with biosocks along its perimeter on the harbor side.

The pile butts and bio-socks at the toe of Stockpile 2A were again found to be in good condition with heavy vegetation. Vegetation growth was heavy at the base of the slope - providing good stabilization. There were no signs of erosion so re-application of chemical stabilization is not needed.



Figure 2 – Material removal at west end of Stockpile 2A looking northeast.

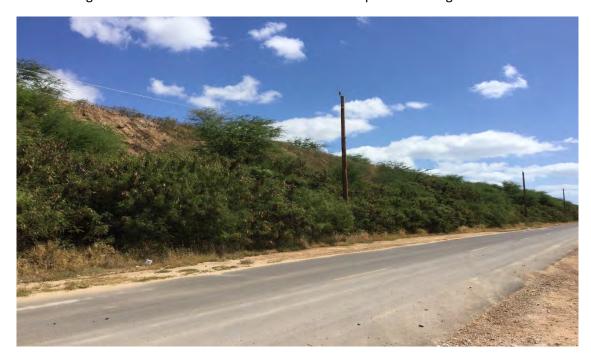


Figure 3 – Heavily vegetated Makai slope of Stockpile 2A looking east.



Figure 4 – Stockpile 2A looking east. Mauka slope of Stockpile 2B can be seen to the right.

In November and December 2016, HDOT Harbors Property Management is processing a Right-of-Entry (ROE) Agreement with D.R. Horton that will allow them to remove all of Stockpile 2A down to the 15-foot elevation from MLLW. The 15-foot elevation was taken from the preliminary KBPH drainage plan being prepared by Group 70 for HAR-EP. As part of the ROE Agreement, D.R. Horton will be required to obtain approval from HDOH for an NPDES NOI-C application because the construction site is larger than one (1) acre. Additionally, D.R. Horton and its contractor will have to submit a Stormwater Pollution Prevention Plan (SWPPP), a Post-Construction Stormwater Mitigation Plan with a final grading plan, and a Final Stockpile Depletion Plan. During the construction period which is anticipated to take 2 – 3 years, the construction contractor will perform self-inspections required by the NPDES permit. The site will also be subject to regular BMP inspections by the HDOT Harbors Division Engineering Branch.

Stockpiles 2B and 2C: Vegetation growth was again found to be heavy at the base of the slopes and provided good stabilization. There were no signs of erosion so re-application of chemical stabilization is not recommended at this time.



Figure 5 - Stockpile 2C looking northward toward Stockpile 2B.



Figure 6 – Mauka slope of Stockpile 2B with biosock BMP looking west.



Figure 7 – East slope of Stockpile 2C looking southward.

Stockpile 3: Vegetation growth was again found to be heavy at the base of the slope and provided good stabilization. Vegetation also serves to protect the bio-socks from the elements. Bio-socks are still in generally good condition and do not need replacement. Vegetation is well established along the lower portions of the slope.

Figure 8 - Overgrown concrete pile butt & bio-sock along the western base of Stockpile 3 barely visible.



Figure 9 - Looking southward from Stockpile 3 toward Stockpile 4 along John Wayne Road.

Stockpile 4: Vegetation growth was heavy at the base of the slope and spread throughout this small stockpile. The growth provides good stabilization and protects the bio-socks from the elements. The small size of this stockpile combined with the vegetation growth and lack of any evidence of erosion precludes the need to re-apply chemical stabilization to this stockpile.



Figure 10 - Heavy vegetation growth around Stockpile 4 looking northward along John Wayne Road.



Figure 11 -Heavy vegetation along south slope of Stockpile 4 looking eastward.

Removal of Stockpiles 3 & 4. In October 2015, the Director of Transportation granted a Right of Entry to the Department of Hawaiian Homelands (DHHL) and its contractors to remove up to 400,000 cubic yards of coral stockpile material from Stockpiles 3 and 4 with ingress and egress via Malakole Street to the south. In compliance with the 2015 Stormwater Management Plan, the DHHL contractors have received approval from HDOH for their NPDES NOI-C application. As of November 2016, DOT Harbors Engineering Branch is awaiting final revisions to the contractors' SWPPP and a Post-Construction

Stormwater Mitigation Plan with the final grading plan. The DHHL contractors also need to notify HDOT Harbors as to when they intend to commence on-site work.

As the currently estimated combined volume of both Stockpiles 3 & 4 is less than 400,000 cubic yards (i.e., around 375,000 cubic yards), the DHHL removal actions are expected to completely remove both stockpiles.

Stockpile 5: Stockpile 5 was last treated with chemical stabilization in February 2014. Some areas showed signs of erosion; however, the runoff from this site flows to a drainage/retention basin that is quite distant from the ocean thus minimizing the risk that any of the stockpile material would reach the ocean. Chemical reapplication is not deemed necessary and not recommended at this time.



Figure 12 - Looking southward across Stockpile 5.





Figure 13 - Pile butts on the perimeter of Stockpile 5 and drainage/retention basis along western slope.

Figure 14 - Pile butts & drainage/retention basin along Stockpile 5 looking northward posing minimal erosion risks.

Summary & Recommendations: Ample rainfall at Kalaeloa during 2016 has maintained vegetative growth on and around the KBPH stockpiles to stabilize of the stockpiles and, in conjunction existing BMPs (concrete pile butts and biosocks) provide adequate erosion protection. This growth largely eliminates the need for re-application of chemical stabilizing agents at any of the stockpiles. The vegetation has also served to prolong the life of most of the bio-socks by limiting their exposure to the elements.

Ongoing efforts to remove the stockpiles by developers and contractors under Harbors Division ROE agreements – DHHL/DiBartolo for Stockpiles 3 & 4 and D.R. Horton for Stockpile 2A – indicate that 2017 will see increased stockpile activities at Kalaeloa. The stockpile removal contractors will have to be monitored for compliance with their approved environmental plans and permits and inspected regularly by HDOT Harbors Division Engineering Branch.

The removal of these stockpiles will then allow for long-awaited projects to develop the Kalaeloa Barbers Point Harbor to its full potential capacity.

Attachment 18 Hot Spot Definition

HAR-EE Hot Spot Definition:

A hotspot is defined as a storm drain inlet that meets one or both of the requirements below:

- a. Two (2) consecutive quarterly comprehensive inspection and cleaning measurements of sediment and debris over 6 inches deep
- b. Has been identified by Harbors personnel (i.e., Marine Cargo Specialists, Harbor Agents and Grounds Supervisors) familiar with the specific drainage inlets as a potential area of concern due to sediment and debris accumulation.

Attachment 19 MS4 and Permanent BMP Inspection Log

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
3213		03/9/2016 09:00	1150	HONOLULU HARBOR	805	INLET STATUS	SDIHO111860	805	
3216	McLean, Robert	03/9/2016 09:14	1154	HONOLULU HARBOR	672	INLET STATUS	SDIHO427202	672	Followup Work Not Required
3223		03/9/2016 09:16	1159	HONOLULU HARBOR	647	INLET STATUS	SDIHO427610	647	
3225		03/9/2016 09:18	1160	HONOLULU HARBOR	648	INLET STATUS	SDIHO427608	648	
3227		03/9/2016 09:20	1161	HONOLULU HARBOR	646	INLET STATUS	SDIHO427640	646	
3229	McLean, Robert	03/9/2016 09:23	1162	HONOLULU HARBOR	645	INLET STATUS	SDIHO427724	645	Followup Work Not Required
3231	McLean, Robert	03/9/2016 09:23	1163	HONOLULU HARBOR	644	INLET STATUS	SDIHO427726	644	Followup Work Not Required
3233	McLean, Robert	03/9/2016 09:23	1164	HONOLULU HARBOR	643	INLET STATUS	SDIHO427722	643	Followup Work Not Required
3237	McLean, Robert	03/9/2016 09:23	1166	HONOLULU HARBOR	608	INLET STATUS	SDIHO427316	608	Followup Work Not Required
3239	McLean, Robert	03/9/2016 09:23	1167	HONOLULU HARBOR	607	INLET STATUS	SDIHO427314	607	Followup Work Not Required
3241	McLean, Robert	03/9/2016 09:23	1168	HONOLULU HARBOR	605	INLET STATUS	SDIHO427308	605	Followup Work Not Required
3243	McLean, Robert	03/9/2016 09:23	1169	HONOLULU HARBOR	604	INLET STATUS	SDIHO427306	604	Followup Work Not Required
3245		01/22/201 6 11:30	1170	HONOLULU HARBOR	603	INLET STATUS	SDIHO427620	603	·
3248	McLean, Robert	03/9/2016 09:23	1171	HONOLULU HARBOR	602	INLET STATUS	SDIHO427622	602	Followup Work Not Required
3251	McLean, Robert	03/9/2016 09:23	1172	HONOLULU HARBOR	601	INLET STATUS	SDIHO427624	601	Followup Work Not Required
3253	McLean, Robert	03/9/2016 09:23	1174	HONOLULU HARBOR	600	INLET STATUS	SDIHO427626	600	Followup Work Not Required
3255	McLean, Robert	03/9/2016 09:23	1175	HONOLULU HARBOR	597	INLET STATUS	SDIHO427604	597	Followup Work Not Required
3258	McLean, Robert	03/9/2016 09:25	1176	HONOLULU HARBOR	553	INLET STATUS	SDIHO427352	553	Followup Work Not Required
3260	McLean, Robert	03/9/2016 09:25	1177	HONOLULU HARBOR	557	INLET STATUS	SDIHO427220	557	Followup Work Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
3262	McLean, Robert	03/9/2016 09:25	1178	HONOLULU HARBOR	558	INLET STATUS	SDIHO427350	558	Followup Work Required
3264	McLean, Robert	03/9/2016 10:31	1179	HONOLULU HARBOR	559	INLET STATUS	SDIHO427710	559	Followup Work Not Required
3266	McLean, Robert	03/9/2016 09:25	1180	HONOLULU HARBOR	560	INLET STATUS	SDIHO427318	560	Followup Work Not Required
3270	McLean, Robert	03/9/2016 09:26	1182	HONOLULU HARBOR	562	INLET STATUS	SDIHO427630	562	Followup Work Not Required
3280	McLean, Robert	03/9/2016 09:26	1189	HONOLULU HARBOR	585	INLET STATUS	SDIHO427606	585	Followup Work Not Required
3282	McLean, Robert	03/9/2016 09:26	1190	HONOLULU HARBOR	584	INLET STATUS	SDIHO427310	584	Followup Work Not Required
3285	McLean, Robert	03/9/2016 09:27	1191	HONOLULU HARBOR	583	INLET STATUS	SDIHO427320	583	Followup Work Required
3293	McLean, Robert	03/9/2016 09:28	1195	HONOLULU HARBOR	569	INLET STATUS	SDIHO427226	569	Followup Work Not Required
3297	McLean, Robert	03/9/2016 09:29	1197	HONOLULU HARBOR	566	INLET STATUS	SDIHO427200	566	Followup Work Not Required
3299		03/9/2016 09:30	1198	HONOLULU HARBOR	565	INLET STATUS	SDIHO427222	565	Followup Work Required
3301	McLean, Robert	03/9/2016 09:31	1184	HONOLULU HARBOR	564	INLET STATUS	SDIHO427204	564	Followup Work Not Required
3303	McLean, Robert	03/9/2016 09:31	1183	HONOLULU HARBOR	563	INLET STATUS	SDIHO427206	563	Followup Work Not Required
3309	McLean, Robert	02/29/201 6 10:26	1207	HONOLULU HARBOR	582	INLET STATUS	SDIHO395612	582	Followup Work Not Required
3310	McLean, Robert	03/9/2016 09:31	1185	Honolulu Harbor	567	INLET STATUS	SDIHO427224	567	Followup Work Not Required
3311	McLean, Robert	03/9/2016 07:58	1202	HONOLULU HARBOR	574	INLET STATUS	SDIHO417002	574	Followup Work Required
3314	McLean, Robert	01/27/201 6 07:15	1210	HONOLULU HARBOR	718	INLET STATUS	SDIHO020812	718	Followup Work Not Required
3315	McLean, Robert	01/27/201 6 07:00	1211	HONOLULU HARBOR	716	INLET STATUS	SDIHO020510	716	Followup Work Required
3316	McLean, Robert	01/26/201 6 08:45	1212	HONOLULU HARBOR	698	INLET STATUS	SDIHO061098	698	Followup Work Required
3317		05/25/201 6 07:20	2552	HONOLULU HARBOR	267	INLET STATUS	SDIHO010202	267	Followup Work Not Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
3318	McLean, Robert	01/26/201 6 11:14	1214	HONOLULU HARBOR	777	INLET STATUS	SDIHO405790	777	Followup Work Not Required
3320		12/6/2016 01:28	1216	HONOLULU HARBOR	3	OPEN LINE STATUS	SDOHO38505 9	3	Followup Work Required
3321	McLean, Robert	03/9/2016 09:37	1217	HONOLULU HARBOR	2	OPEN LINE STATUS	SDOHO38505 7	2	Followup Work Required
3322		02/29/201 6 11:39	1218	HONOLULU HARBOR	52	INLET STATUS	SDIHO385154	52	
3323		03/9/2016 09:37	1219	HONOLULU HARBOR	51	INLET STATUS	SDIHO385152	51	Followup Work Not Required
3325		12/6/2016 01:29	1302	HONOLULU HARBOR	220	INLET STATUS	SDIHO609118	220	Followup Work Required
3326		12/6/2016 01:30	1302	HONOLULU HARBOR	147	INLET STATUS	SDIHO609116	147	Followup Work Required
3327		12/6/2016 01:30	1302	HONOLULU HARBOR	149	INLET STATUS	SDIHO609158	149	Followup Work Required
3328	McLean, Robert	03/9/2016 09:39	1302	HONOLULU HARBOR	146	INLET STATUS	SDIHO609156	146	Followup Work Required
3330		12/6/2016 01:30	1250	HONOLULU HARBOR	247	INLET STATUS	SDIHO092030	247	Followup Work Required
3333	McLean, Robert	02/3/2016 09:55	1227	HONOLULU HARBOR	290	INLET STATUS	SDIHO010162	290	Followup Work Not Required
3335	McLean, Robert	02/3/2016 09:05	1230	HONOLULU HARBOR	288	INLET STATUS	SDIHO020520	288	Followup Work Required
3336	McLean, Robert	02/3/2016 08:40	1231	HONOLULU HARBOR	287	INLET STATUS	SDIHO020522	287	Followup Work Not Required
3337		02/3/2016 08:19	1232	HONOLULU HARBOR	286	INLET STATUS	SDIHO020644	286	
3338	McLean, Robert	02/25/201 6 08:31	1233	HONOLULU HARBOR	541	INLET STATUS	SDIHO405610	541	Followup Work Not Required
3339	McLean, Robert	02/3/2016 08:20	1234	HONOLULU HARBOR	285	INLET STATUS	SDIHO020642	285	Followup Work Not Required
3340		03/9/2016 09:42	1235	Honolulu Harbor	284	INLET STATUS	SDIHO020640	284	
3341	McLean, Robert	02/3/2016 08:36	1236	HONOLULU HARBOR	283	INLET STATUS	SDIHO020650	283	Followup Work Not Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
3342		02/3/2016 07:52	1237	HONOLULU HARBOR	279	INLET STATUS	SDIHO020808	279	
3343	McLean, Robert	03/9/2016 10:33	1238	HONOLULU HARBOR	278	INLET STATUS	SDIHO020806	278	Followup Work Not Required
3344	McLean, Robert	02/3/2016 08:09	1239	HONOLULU HARBOR	277	INLET STATUS	SDIHO020804	277	Followup Work Not Required
3345			1240	HONOLULU HARBOR	271	INLET STATUS	SDIHO010214	271	Followup Work Required
3346	McLean, Robert	02/3/2016 01:01	1241	HONOLULU HARBOR	268	INLET STATUS	SDIHO010208	268	Followup Work Not Required
3348	McLean, Robert	02/3/2016 08:03	1243	HONOLULU HARBOR	265	INLET STATUS	SDIHO020810	265	Followup Work Not Required
3353	McLean, Robert	02/3/2016 09:45	1253	HONOLULU HARBOR	178	INLET STATUS	SDIHO020176	178	Followup Work Not Required
3355	McLean, Robert	03/9/2016 08:07	1257	HONOLULU HARBOR	572	INLET STATUS	SDIHO417004	572	Followup Work Required
3356		12/4/2016 10:35	1262	HONOLULU HARBOR	614	INLET STATUS	SDIHO427562	614	Followup Work Required
3357		12/6/2016 01:36	1263	HONOLULU HARBOR	613	INLET STATUS	SDIHO427582	613	Followup Work Required
3358	McLean, Robert	03/9/2016 10:26	1264	HONOLULU HARBOR	612	INLET STATUS	SDIHO427584	612	Followup Work Not Required
3359	McLean, Robert	03/9/2016 10:27	1265	HONOLULU HARBOR	611	INLET STATUS	SDIHO427602	611	Followup Work Not Required
3360		12/6/2016 01:36	1266	HONOLULU HARBOR	581	INLET STATUS	SDIHO416984	581	Followup Work Required
3361		12/6/2016 01:37	1267	HONOLULU HARBOR	579	INLET STATUS	SDIHO417012	579	Followup Work Required
3362	McLean, Robert	03/9/2016 08:51	1268	HONOLULU HARBOR	578	INLET STATUS	SDIHO427032	578	Followup Work Required
3363	McLean, Robert	03/9/2016 08:40	1269	HONOLULU HARBOR	577	INLET STATUS	SDIHO427034	577	Followup Work Not Required
3364	McLean, Robert	03/9/2016 08:33	1270	HONOLULU HARBOR	576	INLET STATUS	SDIHO427036	576	Followup Work Not Required
3365	McLean, Robert	03/9/2016 08:24	1271	HONOLULU HARBOR	575	INLET STATUS	SDIHO427038	575	Followup Work Not Required
3366		12/6/2016 01:38	1272	HONOLULU HARBOR	573	INLET STATUS	SDIHO427040	573	Followup Work Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
3367	McLean, Robert	03/9/2016 10:27	1273	HONOLULU HARBOR	571	INLET STATUS	SDIHO416992	571	Followup Work Not Required
3368	McLean, Robert	03/9/2016 10:27	1274	HONOLULU HARBOR	570	INLET STATUS	SDIHO416982	570	Followup Work Not Required
3369	McLean, Robert	03/9/2016 10:28	1275	HONOLULU HARBOR	525	INLET STATUS	SDIHO416994	525	Followup Work Not Required
3370	McLean, Robert	02/25/201 6 08:00	1276	HONOLULU HARBOR	548	INLET STATUS	SDIHO395592	548	Followup Work Not Required
3371	McLean, Robert	02/25/201 6 07:36	1277	HONOLULU HARBOR	547	INLET STATUS	SDIHO395596	547	Followup Work Not Required
3374		02/29/201 6 09:58	1280	HONOLULU HARBOR	543	INLET STATUS	SDIHO405608	543	
3375	McLean, Robert	02/25/201 6 07:25	1281	HONOLULU HARBOR	540	INLET STATUS	SDIHO395510	540	Followup Work Required
3376		12/6/2016 10:45	1282	HONOLULU HARBOR	532	INLET STATUS	SDIHO426972	532	Followup Work Not Required
3377		12/6/2016 10:45	1283	HONOLULU HARBOR	251	INLET STATUS	SDIHO061102	251	Followup Work Not Required
3378	McLean, Robert	02/17/201 6 08:56	1284	HONOLULU HARBOR	40	INLET STATUS	SDIHO384812	40	Followup Work Not Required
3379	McLean, Robert	02/17/201 6 08:48	1285	HONOLULU HARBOR	39	INLET STATUS	SDIHO384814	39	Followup Work Not Required
3381		03/9/2016 10:30	1287	HONOLULU HARBOR	586	INLET STATUS	SDIHO427312	586	Followup Work Not Required
3382		03/9/2016 10:31	1288	HONOLULU HARBOR	262	INLET STATUS	SDIHO061100	262	
3385	McLean, Robert	02/23/201 6 06:56	1299	HONOLULU HARBOR	160	INLET STATUS	SDIHO111794	160	Followup Work Not Required
3386	McLean, Robert	03/10/201 6 08:04	1300	HONOLULU HARBOR	157	INLET STATUS	SDIHO111796	157	Followup Work Not Required
3387	McLean, Robert	02/23/201 6 09:20	2551	HONOLULU HARBOR	632	INLET STATUS	SDIHO111854	632	Followup Work Not Required
3388	McLean, Robert	02/29/201 6 10:30	1301	HONOLULU HARBOR	727	INLET STATUS	SDIHO111744	727	Followup Work Not Required
3591			2159	Honolulu Harbor	61	PERMAN ENT_ST ORM_D RAIN_B	EHBMPHO295 30B	61	

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
3592			2159	Honolulu Harbor	60	MP PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO294 50B	60	
3593			2159	HONOLULU HARBOR	59	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO294 00B	59	
3594			2159	Honolulu Harbor	58	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO293 00B	58	
3595			2159	Honolulu Harbor	57	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO293 50B	57	
3596			2159	Honolulu Harbor	56	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO292 50B	56	
3597			2159	Honolulu Harbor	55	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO292 00B	55	
3598			2159	Honolulu Harbor	54	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO291 50B	54	
3599			2159	Honolulu Harbor	53	PERMAN ENT_ST	EHBMPHO291 00B	53	

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
						ORM_D RAIN_B MP			
3600			2159	Honolulu Harbor	52	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO290 50B	52	
3601		12/6/2016 10:45	2169	HONOLULU HARBOR	51	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO295 00A	51	Followup Work Not Required
3602	McLean, Robert	11/15/201 6 12:45	2169	HONOLULU HARBOR	50	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO294 50A	50	Followup Work Not Required
3603		11/15/201 6 12:57	2169	HONOLULU HARBOR	49	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO294 00A	49	
3604	McLean, Robert	11/15/201 6 01:11	2169	HONOLULU HARBOR	48	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO293 50A	48	Followup Work Not Required
3605	McLean, Robert	11/15/201 6 01:14	2169	HONOLULU HARBOR	47	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO293 00A	47	Followup Work Not Required
3606		12/7/2016 03:19	2169	HONOLULU HARBOR	46	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO292 50A	46	

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
3607		12/7/2016 03:19	2169	HONOLULU HARBOR	45	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO292 00A	45	
3608		12/7/2016 03:19	2169	HONOLULU HARBOR	44	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO291 50A	44	
3609		12/7/2016 03:19	2169	HONOLULU HARBOR	43	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO291 00A	43	
3610		12/7/2016 03:19	2169	HONOLULU HARBOR	42	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO290 50A	42	
3611		12/7/2016 03:19	2169	HONOLULU HARBOR	27	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO295 50A	27	
3612			2159	Honolulu Harbor	26	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO295 00B	26	
3613	McLean, Robert	11/15/201 6 01:53	2169	HONOLULU HARBOR	22	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO293 672	22	Followup Work Not Required
3614			2159	Honolulu Harbor	21	PERMAN ENT_ST ORM_D	EHBMPHO293 620	21	

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
						RAIN_B MP			
3626	Bee, Bob	04/26/201 6 07:00	2206	HONOLULU HARBOR	694	INLET STATUS	SDIHO528738	694	Followup Work Not Required
3627	McLean, Robert	04/22/201 6 11:47	2207	HONOLULU HARBOR	122	INLET STATUS	SDIHO538668	122	Followup Work Not Required
4304	McLean, Robert	05/27/201 6 01:01	2223	HONOLULU HARBOR	718	INLET STATUS	SDIHO020812	718	Followup Work Required
4306		05/26/201 6 06:46	2249	HONOLULU HARBOR	215	OPEN LINE STATUS	SDOHO52875 1	215	
4307		05/25/201 6 01:33	2250	HONOLULU HARBOR	50	INLET STATUS	SDIHO081506	50	Followup Work Not Required
4308	McLean, Robert	06/15/201 6 12:55	2251	HONOLULU HARBOR	158	INLET STATUS	SDIHO111798	158	Followup Work Not Required
4311	McLean, Robert	07/11/201 6 11:45	2252	KALAELOA BARBERS POINT HARBOR	149	OPEN LINE STATUS	SDOBP0502B1	149	Followup Work Not Required
4312	McLean, Robert	06/15/201 6 12:56	2253	KALAELOA BARBERS POINT HARBOR	145	OPEN LINE STATUS	SDOBP0502C 1	145	Followup Work Not Required
4314	McLean, Robert	05/26/201 6 11:10	2255		716	INLET STATUS	SDIHO020510	716	Followup Work Not Required
4315	McLean, Robert	05/6/2016 08:00	2256	HONOLULU HARBOR	672	INLET STATUS	SDIHO427202	672	Followup Work Not Required
4316		05/26/201 6 07:16	2257	HONOLULU HARBOR	648	INLET STATUS	SDIHO427608	648	Followup Work Not Required
4317	McLean, Robert	05/6/2016 07:40	2258	HONOLULU HARBOR	647	INLET STATUS	SDIHO427610	647	Followup Work Not Required
4318	McLean, Robert	05/26/201 6 07:01	2259	HONOLULU HARBOR	646	INLET STATUS	SDIHO427640	646	Followup Work Not Required
4319	McLean, Robert	05/6/2016 06:52	2261	HONOLULU HARBOR	645	INLET STATUS	SDIHO427724	645	Followup Work Not Required
4379		12/6/2016 10:45	2466	HONOLULU HARBOR	571	INLET STATUS	SDIHO416992	571	Followup Work Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4380	McLean, Robert	06/15/201 6 12:56	2467	HONOLULU HARBOR	644	INLET STATUS	SDIHO427726	644	Followup Work Not Required
4381	McLean, Robert	05/26/201 6 06:51	2468	HONOLULU HARBOR	643	INLET STATUS	SDIHO427722	643	Followup Work Not Required
4382	McLean, Robert	05/26/201 6 06:51	2469	HONOLULU HARBOR	642	INLET STATUS	SDIHO427700	642	Followup Work Not Required
4383	McLean, Robert	05/26/201 6 01:03	2470	HONOLULU HARBOR	633	INLET STATUS	SDIHO111766	633	Followup Work Not Required
4384	McLean, Robert	05/26/201 6 07:24	2471	HONOLULU HARBOR	614	INLET STATUS	SDIHO427562	614	Followup Work Not Required
4385	McLean, Robert	05/26/201 6 07:23	2472	HONOLULU HARBOR	613	INLET STATUS	SDIHO427582	613	Followup Work Not Required
4386	McLean, Robert	05/26/201 6 07:22	2473	HONOLULU HARBOR	612	INLET STATUS	SDIHO427584	612	Followup Work Not Required
4387	McLean, Robert	05/26/201 6 07:21	2478	HONOLULU HARBOR	611	INLET STATUS	SDIHO427602	611	Followup Work Not Required
4388	McLean, Robert	05/26/201 6 07:30	2479	HONOLULU HARBOR	608	INLET STATUS	SDIHO427316	608	Followup Work Not Required
4389	McLean, Robert	05/26/201 6 07:28	2480	HONOLULU HARBOR	607	INLET STATUS	SDIHO427314	607	Followup Work Required
4390	McLean, Robert	05/26/201 6 09:26	2481	HONOLULU HARBOR	605	INLET STATUS	SDIHO427308	605	Followup Work Not Required
4391	McLean, Robert	05/26/201 6 09:26	2482	HONOLULU HARBOR	604	INLET STATUS	SDIHO427306	604	Followup Work Not Required
4392	McLean, Robert	05/26/201 6 07:12	2483	HONOLULU HARBOR	603	INLET STATUS	SDIHO427620	603	Followup Work Required
4393	McLean, Robert	05/26/201 6 07:12	2484	HONOLULU HARBOR	602	INLET STATUS	SDIHO427622	602	Followup Work Required
4394	McLean, Robert	05/26/201 6 07:11	2485	HONOLULU HARBOR	601	INLET STATUS	SDIHO427624	601	Followup Work Not Required
4395	McLean, Robert	05/27/201 6 12:11	2486	HONOLULU HARBOR	600	INLET STATUS	SDIHO427626	600	Followup Work Not Required
4396	McLean, Robert	05/27/201 6 12:18	2489	HONOLULU HARBOR	553	INLET STATUS	SDIHO427352	553	Followup Work Not Required
4397		12/6/2016 01:40	2490	HONOLULU HARBOR	557	INLET STATUS	SDIHO427220	557	Followup Work Required
4398	McLean, Robert	05/27/201 6 12:15	2491	HONOLULU HARBOR	558	INLET STATUS	SDIHO427350	558	Followup Work Required

Inspection	Inspected	Date /	Work	District	Entity	Feature	Feature	Feature	Resolution
ld	Ву	Time	Order Id		Sid	Туре	Uid	ld	
4399	McLean,	05/26/201	2492	HONOLULU HARBOR	559	INLET	SDIHO427710	559	Followup Work Not
	Robert	6 06:59				STATUS			Required
4400	McLean,	06/15/201	2493	HONOLULU HARBOR	560	INLET	SDIHO427318	560	Followup Work Not
	Robert	6 12:57				STATUS			Required
4401	McLean,	05/26/201	2494	HONOLULU HARBOR	561	INLET	SDIHO427642	561	Followup Work Not
	Robert	6 07:09				STATUS			Required
4402	McLean,	05/26/201	2495	HONOLULU HARBOR	562	INLET	SDIHO427630	562	Followup Work Not
	Robert	6 07:08				STATUS			Required
4403	McLean,	05/17/201	2496	HONOLULU HARBOR	563	INLET	SDIHO427206	563	Followup Work Required
	Robert	6 01:39				STATUS			
4404	McLean,	05/26/201	2497	HONOLULU HARBOR	564	INLET	SDIHO427204	564	Followup Work Not
	Robert	6 09:37				STATUS			Required
4405	McLean,	05/26/201	2498	HONOLULU HARBOR	565	INLET	SDIHO427222	565	Followup Work Not
	Robert	6 09:33				STATUS			Required
4406	McLean,	05/26/201	2499	HONOLULU HARBOR	566	INLET	SDIHO427200	566	Followup Work Not
	Robert	6 09:37				STATUS			Required
4407	McLean,	05/26/201	2500	HONOLULU HARBOR	567	INLET	SDIHO427224	567	Followup Work Not
	Robert	6 09:31				STATUS			Required
4408	McLean,	05/17/201	2501	HONOLULU HARBOR	569	INLET	SDIHO427226	569	Followup Work Not
	Robert	6 01:33				STATUS			Required
4409	McLean,	05/26/201	2502	HONOLULU HARBOR	573	INLET	SDIHO427040	573	Followup Work Not
	Robert	6 09:38				STATUS			Required
4410	McLean,	05/26/201	2503	HONOLULU HARBOR	575	INLET	SDIHO427038	575	Followup Work Not
	Robert	6 09:39				STATUS			Required
4411	McLean,	05/26/201	2504	HONOLULU HARBOR	583	INLET	SDIHO427320	583	Followup Work Not
	Robert	6 07:27				STATUS			Required
4412	McLean,	05/26/201	2505	HONOLULU HARBOR	584	INLET	SDIHO427310	584	Followup Work Not
	Robert	6 09:28				STATUS			Required
4413	McLean,	05/26/201	2506	HONOLULU HARBOR	585	INLET	SDIHO427606	585	Followup Work Not
	Robert	6 07:14				STATUS			Required
4414	McLean,	05/26/201	2507	HONOLULU HARBOR	586	INLET	SDIHO427312	586	Followup Work Not
	Robert	6 07:29				STATUS			Required
4415	McLean,	05/26/201	2508	HONOLULU HARBOR	597	INLET	SDIHO427604	597	Followup Work Not
	Robert	6 07:18				STATUS			Required
4416		12/6/2016	2509	HONOLULU HARBOR	578	INLET	SDIHO427032	578	Followup Work Required
		10:45				STATUS			
4417		12/6/2016	2510	HONOLULU HARBOR	577	INLET	SDIHO427034	577	
		01:49				STATUS			

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4418	McLean, Robert	05/26/201 6 09:43	2511	HONOLULU HARBOR	576	INLET STATUS	SDIHO427036	576	Followup Work Not Required
4419	McLean, Robert	05/26/201 6 09:38	2512	HONOLULU HARBOR	581	INLET STATUS	SDIHO416984	581	Followup Work Required
4420	McLean, Robert	06/15/201 6 12:59	2513	HONOLULU HARBOR	570	INLET STATUS	SDIHO416982	570	Followup Work Not Required
4421	McLean, Robert	06/15/201 6 12:59	2514	HONOLULU HARBOR	574	INLET STATUS	SDIHO417002	574	Followup Work Not Required
4422		12/6/2016 01:51	2515	HONOLULU HARBOR	579	INLET STATUS	SDIHO417012	579	
4423	McLean, Robert	06/15/201 6 12:59	2516	HONOLULU HARBOR	572	INLET STATUS	SDIHO417004	572	Followup Work Not Required
4424		12/6/2016 01:47	2517	HONOLULU HARBOR	580	INLET STATUS	SDIHO417014	580	
4425	McLean, Robert	12/1/2016 09:14	2518	HONOLULU HARBOR	525	INLET STATUS	SDIHO416994	525	Followup Work Required
4426	McLean, Robert	05/27/201 6 12:29	2519	HONOLULU HARBOR	528	INLET STATUS	SDIHO416572	528	Followup Work Not Required
4427		12/6/2016 10:46	2520	HONOLULU HARBOR	529	INLET STATUS	SDIHO416574	529	Followup Work Required
4428	McLean, Robert	05/26/201 6 10:41	2521	HONOLULU HARBOR	532	INLET STATUS	SDIHO426972	532	Followup Work Not Required
4429	McLean, Robert	05/26/201 6 10:48	2522	HONOLULU HARBOR	472	INLET STATUS	SDIHO395516	472	Followup Work Not Required
4430	McLean, Robert	05/26/201 6 10:51	2523	HONOLULU HARBOR	540	INLET STATUS	SDIHO395510	540	Followup Work Required
4431	McLean, Robert	07/7/2016 07:34	2524	HONOLULU HARBOR	582	INLET STATUS	SDIHO395612	582	Followup Work Not Required
4432		12/6/2016 10:46	2525	HONOLULU HARBOR	145	INLET STATUS	SDIHO609114	145	Followup Work Required
4433		05/25/201 6 12:54	2526	HONOLULU HARBOR	204	INLET STATUS	SDIHO517926	204	
4434	McLean, Robert	05/25/201 6 01:20	2527	HONOLULU HARBOR	88	INLET STATUS	SDIHO518052	88	Followup Work Not Required
4435		05/25/201 6 01:14	2528	HONOLULU HARBOR	61	INLET STATUS	SDIHO517802	61	Followup Work Not Required
4436	McLean, Robert	05/26/201 6 10:56	2529		716	INLET STATUS	SDIHO020510	716	Followup Work Not Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4437	McLean, Robert	06/14/201 6 11:44	2530		297	INLET STATUS	SDIHO091310	297	Followup Work Not Required
4438	McLean, Robert	06/14/201 6 11:41	2531		296	INLET STATUS	SDIHO091296	296	Followup Work Required
4439	McLean, Robert	06/14/201 6 11:32	2532		295	INLET STATUS	SDIHO091290	295	Followup Work Required
4440	McLean, Robert	06/14/201 6 11:28	2533		294	INLET STATUS	SDIHO091292	294	Followup Work Required
4441	McLean, Robert	06/14/201 6 11:35	2534		300	INLET STATUS	SDIHO091294	300	Followup Work Required
4442	McLean, Robert	06/14/201 6 11:47	2535		298	INLET STATUS	SDIHO091308	298	Followup Work Not Required
4443	McLean, Robert	05/27/201 6 01:22	2536	HONOLULU HARBOR	289	INLET STATUS	SDIHO020508	289	Followup Work Not Required
4444		05/27/201 6 01:14	2537	HONOLULU HARBOR	288	INLET STATUS	SDIHO020520	288	
4445	McLean, Robert	05/27/201 6 01:11	2538	HONOLULU HARBOR	287	INLET STATUS	SDIHO020522	287	Followup Work Required
4446	McLean, Robert	05/25/201 6 01:36	2539	HONOLULU HARBOR	286	INLET STATUS	SDIHO020644	286	Followup Work Not Required
4447	McLean, Robert	05/25/201 6 01:43	2540	HONOLULU HARBOR	285	INLET STATUS	SDIHO020642	285	Followup Work Not Required
4448	McLean, Robert	05/25/201 6 01:45	2541	HONOLULU HARBOR	284	INLET STATUS	SDIHO020640	284	Followup Work Not Required
4449	McLean, Robert	06/15/201 6 12:59	2542	HONOLULU HARBOR	283	INLET STATUS	SDIHO020650	283	Followup Work Not Required
4450	McLean, Robert	05/27/201 6 12:56	2543	HONOLULU HARBOR	279	INLET STATUS	SDIHO020808	279	Followup Work Not Required
4451	McLean, Robert	05/27/201 6 12:53	2544	HONOLULU HARBOR	278	INLET STATUS	SDIHO020806	278	Followup Work Not Required
4452		05/27/201 6 12:50	2545	HONOLULU HARBOR	277	INLET STATUS	SDIHO020804	277	Followup Work Not Required
4454	McLean, Robert	05/27/201 6 01:00	2547	HONOLULU HARBOR	265	INLET STATUS	SDIHO020810	265	Followup Work Not Required
4455			2548	HONOLULU HARBOR	265	INLET STATUS	SDIHO020810	265	•
4459		12/6/2016 10:46	2553	HONOLULU HARBOR	204	INLET STATUS	SDIHO517926	204	Followup Work Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4460	McLean, Robert	05/26/201 6 06:48	2554	HONOLULU HARBOR	130	INLET STATUS	SDIHO518382	130	Followup Work Not Required
4461	McLean, Robert	05/26/201 6 06:45	2555	HONOLULU HARBOR	124	INLET STATUS	SDIHO528692	124	Followup Work Not Required
4462	McLean, Robert	05/25/201 6 10:59	2556	HONOLULU HARBOR	94	INLET STATUS	SDIHO518372	94	Followup Work Not Required
4463	McLean, Robert	05/26/201 6 10:57	2579	HONOLULU HARBOR	247	INLET STATUS	SDIHO092030	247	Followup Work Required
4464	McLean, Robert	06/14/201 6 07:45	2564	HONOLULU HARBOR	246	INLET STATUS	SDIHO091452	246	Followup Work Not Required
4465	McLean, Robert	06/14/201 6 12:06	2565		243	INLET STATUS	SDIHO081244	243	Followup Work Required
4468	McLean, Robert	05/25/201 6 01:30	2566	HONOLULU HARBOR	242	INLET STATUS	SDIHO081260	242	Followup Work Not Required
4469	McLean, Robert	06/9/2016 09:29	2567		241	INLET STATUS	SDIHO081238	241	Followup Work Not Required
4470	McLean, Robert	06/14/201 6 01:20	2568	HONOLULU HARBOR	240	INLET STATUS	SDIHO081240	240	Followup Work Not Required
4471	McLean, Robert	06/14/201 6 11:50	2569		239	INLET STATUS	SDIHO081282	239	Followup Work Required
4472	McLean, Robert	06/14/201 6 11:58	2570		238	INLET STATUS	SDIHO081284	238	Followup Work Not Required
4473	McLean, Robert	06/14/201 6 12:01	2571		237	INLET STATUS	SDIHO081286	237	Followup Work Not Required
4474	McLean, Robert	06/14/201 6 12:03	2572		236	INLET STATUS	SDIHO081288	236	Followup Work Required
4475	McLean, Robert	06/14/201 6 12:17	2573		235	INLET STATUS	SDIHO081242	235	Followup Work Required
4476		12/6/2016 01:41	2580		212	INLET STATUS	SDIHO010102	212	Followup Work Required
4479	McLean, Robert	05/27/201 6 12:46	2576		155	OPEN LINE STATUS	SDOHO08151 5	155	Followup Work Not Required
4480	McLean, Robert	05/27/201 6 12:38	2577		438	INLET STATUS	SDIHO212602	438	Followup Work Not Required
4481	McLean, Robert	05/27/201 6 12:38	2578		437	INLET STATUS	SDIHO212612	437	Followup Work Not Required
4485	McLean,	06/9/2016	2589	HONOLULU HARBOR	780	INLET	SDIHO052887	780	Followup Work Not

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
	Robert	09:17				STATUS	4		Required
4486	McLean,	06/9/2016	2591	HONOLULU HARBOR	779	INLET	SDIHO051942	779	Followup Work Not
	Robert	09:12				STATUS	9		Required
4487	McLean, Robert	06/9/2016 09:08	2592	HONOLULU HARBOR	778	INLET STATUS	SDIHO051942 7	778	Followup Work Not Required
4488	McLean, Robert	06/9/2016 09:25	2593	HONOLULU HARBOR	299	INLET STATUS	SDIHO061162	299	Followup Work Not Required
4493	McLean, Robert	06/16/201 6 07:25	2610	HONOLULU HARBOR	136	INLET STATUS	SDIHO263592	136	Followup Work Not Required
4495	McLean, Robert	06/17/201 6 09:11	2611	HONOLULU HARBOR	0	OPEN LINE STATUS		0	Followup Work Not Required
4498	McLean, Robert	06/17/201 6 09:32	2612	Honolulu Harbor	565	INLET STATUS	SDIHO427222	565	Followup Work Not Required
4503	McLean, Robert	11/15/201 6 12:58	2169	HONOLULU HARBOR	51	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO295 00A	51	Followup Work Not Required
4506	McLean, Robert	07/1/2016 12:45	2616	HONOLULU HARBOR	4	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 155	4	Followup Work Not Required
4508	McLean, Robert	07/5/2016 06:09	2615	HONOLULU HARBOR	7	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 158	7	Followup Work Not Required
4509	McLean, Robert	06/29/201 6 10:37	2618	HONOLULU HARBOR	6	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 157	6	Followup Work Not Required
4510		07/5/2016 05:43	2619	HONOLULU HARBOR	5	PERMAN ENT_ST ORM_D RAIN_B	EHBMPHO314 156	5	

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4511	McLean, Robert	06/29/201 6 10:20	2619	HONOLULU HARBOR	3	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 154	3	Followup Work Not Required
4512	McLean, Robert	07/5/2016 05:49	2619	HONOLULU HARBOR	2	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 153	2	Followup Work Not Required
4513	McLean, Robert	07/5/2016 05:50	2619	HONOLULU HARBOR	1	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 152	1	Followup Work Not Required
4514	McLean, Robert	07/5/2016 06:11	2621	HONOLULU HARBOR	7	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 158	7	Followup Work Not Required
4515	McLean, Robert	08/23/201 6 08:15	2622	HONOLULU HARBOR	673	INLET STATUS	SDIHO538912	673	Followup Work Not Required
4516		08/11/201 6 12:32	2623	HONOLULU HARBOR	360	INLET STATUS	SDIHO182310	360	Followup Work Not Required
4517	McLean, Robert	07/7/2016 07:36	2624	HONOLULU HARBOR	543	INLET STATUS	SDIHO405608	543	Followup Work Not Required
4518		07/7/2016 10:33	2625	HONOLULU HARBOR	541	INLET STATUS	SDIHO405610	541	
4519		10/4/2016 01:39	2626	HONOLULU HARBOR	543	INLET STATUS	SDIHO405608	543	
4520			2627	HONOLULU HARBOR	541	INLET STATUS	SDIHO405610	541	
4521	McLean, Robert	07/19/201 6 11:50	2628	HONOLULU HARBOR	704	INLET STATUS	SDIHO314152	704	Followup Work Not Required
4522		07/8/2016 08:35	2629	HONOLULU HARBOR	257	OPEN LINE STATUS	SDOHO29450 B	257	

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Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4523			2629	HONOLULU HARBOR	256	OPEN LINE STATUS	SDOHO29400 B	256	
4524			2629	HONOLULU HARBOR	255	OPEN LINE STATUS	SDOHO29350 B	255	
4525			2629	Honolulu Harbor	254	OPEN LINE STATUS	SDOHO29300 B	254	
4526			2629	Honolulu Harbor	253	OPEN LINE STATUS	SDOHO29250 B	253	
4527			2629	Honolulu Harbor	252	OPEN LINE STATUS	SDOHO29200 B	252	
4528			2629	Honolulu Harbor	251	OPEN LINE STATUS	SDOHO29150 B	251	
4529			2629	Honolulu Harbor	250	OPEN LINE STATUS	SDOHO29100 B	250	
4530			2629	Honolulu Harbor	249	OPEN LINE STATUS	SDOHO29050 B	249	
4531	McLean, Robert	07/8/2016 08:06	2629	HONOLULU HARBOR	167	OPEN LINE STATUS	SDOHO29500 B	167	Followup Work Not Required
4532			2629	Honolulu Harbor	722	INLET STATUS	SDIHO293620	722	
4533			2629	Honolulu Harbor	125	MANHOL ES STATUS	SDJHO293618	125	
4534			2629	Honolulu Harbor	101	MANHOL ES STATUS	SDJHO293616	101	
4535	McLean, Robert	07/7/2016 08:07	2632	HONOLULU HARBOR	702	INLET STATUS	SDIHO222806	702	Followup Work Not Required
4536	McLean,	07/19/201	2633	HONOLULU HARBOR	556	INLET	SDIHO314160	556	Followup Work Not

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
	Robert	6 11:58				STATUS			Required
4537	McLean, Robert	07/19/201 6 12:07	2634	HONOLULU HARBOR	533	INLET STATUS	SDIHO313972	533	Followup Work Not Required
4538	McLean, Robert	07/19/201 6 12:04	2635	HONOLULU HARBOR	521	INLET STATUS	SDIHO313904	521	Followup Work Not Required
4539	McLean, Robert	07/19/201 6 11:35	2636	HONOLULU HARBOR	509	INLET STATUS	SDIHO314400	509	Followup Work Not Required
4540	McLean, Robert	07/19/201 6 11:46	2637	HONOLULU HARBOR	507	INLET STATUS	SDIHO314402	507	Followup Work Not Required
4541	McLean, Robert	07/19/201 6 11:43	2638	HONOLULU HARBOR	506	INLET STATUS	SDIHO314398	506	Followup Work Not Required
4542	McLean, Robert	07/19/201 6 11:53	2639	HONOLULU HARBOR	463	INLET STATUS	SDIHO324204	463	Followup Work Not Required
4543	McLean, Robert	07/19/201 6 11:56	2640	HONOLULU HARBOR	462	INLET STATUS	SDIHO314162	462	Followup Work Not Required
4544	McLean, Robert	07/19/201 6 12:00	2641	HONOLULU HARBOR	446	INLET STATUS	SDIHO314012	446	Followup Work Not Required
4545	McLean, Robert	07/19/201 6 12:02	2642	HONOLULU HARBOR	441	INLET STATUS	SDIHO314002	441	Followup Work Not Required
4546	McLean, Robert	08/23/201 6 12:18	2643	HONOLULU HARBOR	424	INLET STATUS	SDIHO243522	424	Followup Work Not Required
4547	McLean, Robert	07/19/201 6 11:40	2644	HONOLULU HARBOR	508	INLET STATUS	SDIHO314396	508	Followup Work Required
4548	McLean, Robert	08/11/201 6 11:43	2645	HONOLULU HARBOR	420	INLET STATUS	SDIHO243202	420	Followup Work Not Required
4549	McLean, Robert	08/23/201 6 10:07	2646	HONOLULU HARBOR	418	INLET STATUS	SDIHO263554	418	Followup Work Not Required
4550	McLean, Robert	08/10/201 6 08:45	2647	HONOLULU HARBOR	417	INLET STATUS	SDIHO263556	417	Followup Work Not Required
4559	McLean, Robert	08/23/201 6 12:47	2650	HONOLULU HARBOR	416	INLET STATUS	SDIHO202700	416	Followup Work Not Required
4560	McLean, Robert	08/10/201 6 08:55	2651	HONOLULU HARBOR	415	INLET STATUS	SDIHO243242	415	Followup Work Not Required
4561		08/10/201 6 09:25	2652	HONOLULU HARBOR	413	INLET STATUS	SDIHO293222	413	Followup Work Not Required
4562	McLean, Robert	08/10/201 6 08:35	2653	HONOLULU HARBOR	412	INLET STATUS	SDIHO263552	412	Followup Work Not Required
4563		08/11/201	2654	HONOLULU HARBOR	411	INLET	SDIHO293204	411	Followup Work Not

Inspection Id	Inspected By	Date / Time	Work Order	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
Iu	Бу	Time	Id		Siu	rype	Old	Iu	
		6 12:25				STATUS			Required
4564	McLean,	07/12/201	2655	KALAELOA BARBERS	57	INLET	SDIBP044102	57	Followup Work Not
	Robert	6 11:27		POINT HARBOR		STATUS			Required
4565		12/2/2016 01:01	2656	KALAELOA BARBERS POINT HARBOR	16	INLET STATUS	SDIBP077102	16	Followup Work Required
4566	McLean, Robert	07/12/201 6 11:07	2657	KALAELOA BARBERS POINT HARBOR	15	INLET STATUS	SDIBP077115	15	Followup Work Not
4507		07/12/201	20050		14	INLET	CDIDD077400	14	Required
4567	McLean, Robert	6 11:14	2658	KALAELOA BARBERS POINT HARBOR	14	STATUS	SDIBP077128	14	Followup Work Not Required
4568	McLean,	08/23/201	2659	HONOLULU HARBOR	409	INLET	SDIHO293224	409	Followup Work Not
	Robert	6 12:24				STATUS			Required
4569	McLean, Robert	08/11/201 6 11:53	2660	HONOLULU HARBOR	408	INLET STATUS	SDIHO243074	408	Followup Work Not Required
4570	McLean, Robert	08/23/201 6 12:36	2661	HONOLULU HARBOR	407	INLET STATUS	SDIHO243072	407	Followup Work Not Required
4571	1100011	08/26/201 6 07:32	2662	HONOLULU HARBOR	405	INLET STATUS	SDIHO233010	405	. roquiio u
4572	McLean, Robert	08/26/201 6 08:05	2663	HONOLULU HARBOR	404	INLET STATUS	SDIHO233006	404	Followup Work Not Required
4573		0 00.00	2664	HONOLULU HARBOR	402	INLET STATUS	SDIHO233030	402	
4574			2665	HONOLULU HARBOR	401	INLET STATUS	SDIHO232814	401	
4575			2666	HONOLULU HARBOR	397	INLET STATUS	SDIHO232680	397	
4576	McLean, Robert	08/23/201 6 01:19	2667	HONOLULU HARBOR	395	INLET STATUS	SDIHO202642	395	Followup Work Not Required
4577	McLean, Robert	08/23/201 6 01:26	2668	HONOLULU HARBOR	394	INLET STATUS	SDIHO202646	394	Followup Work Not Required
4578	McLean, Robert	08/23/201 6 01:31	2669	HONOLULU HARBOR	393	INLET STATUS	SDIHO202650	393	Followup Work Not Required
4579	McLean, Robert	08/26/201 6 10:55	2671	HONOLULU HARBOR	383	INLET STATUS	SDIHO202502	383	Followup Work Not Required
4580	McLean, Robert	08/24/201 6 06:59	2672	HONOLULU HARBOR	376	INLET STATUS	SDIHO232442	376	Followup Work Not Required
4581	McLean, Robert	08/26/201 6 11:08	2673	HONOLULU HARBOR	375	INLET STATUS	SDIHO232682	375	Followup Work Not Required
4582	McLean,	08/24/201	2674	HONOLULU HARBOR	374	INLET	SDIHO232448	374	Followup Work Not

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
	Robert	6 05:50				STATUS			Required
4583	McLean, Robert	08/24/201 6 06:48	2675	HONOLULU HARBOR	373	INLET STATUS	SDIHO232438	373	Followup Work Not Required
4584	McLean, Robert	08/24/201 6 06:37	2676	HONOLULU HARBOR	372	INLET STATUS	SDIHO232440	372	Followup Work Not Required
4585	McLean, Robert	08/26/201 6 08:47	2677	HONOLULU HARBOR	223	INLET STATUS	SDIHO232678	223	Followup Work Not Required
4586	McLean, Robert	08/26/201 6 11:18	2678	HONOLULU HARBOR	201	INLET STATUS	SDIHO273632	201	Followup Work Not Required
4587	McLean, Robert	10/3/2016 11:16	2679	HONOLULU HARBOR	136	INLET STATUS	SDIHO263592	136	Followup Work Not Required
4588			2680	HONOLULU HARBOR	206	OPEN LINE STATUS	SDOHO23281 5	206	
4589	McLean, Robert	08/26/201 6 10:59	2681	HONOLULU HARBOR	191	OPEN LINE STATUS	SDOHO20270 3	191	Followup Work Not Required
4590	McLean, Robert	09/30/201 6 01:00	2682	HONOLULU HARBOR	266	INLET STATUS	SDIHO010152	266	Followup Work Not Required
4591	McLean, Robert	08/26/201 6 11:24	2683	HONOLULU HARBOR	212	INLET STATUS	SDIHO010102	212	Followup Work Required
4599	McLean, Robert	09/22/201 6 12:12	2693	HONOLULU HARBOR	648	INLET STATUS	SDIHO427608	648	Followup Work Not Required
4600	McLean, Robert	08/25/201 6 09:26	2700	HONOLULU HARBOR	0	INLET STATUS		0	Followup Work Not Required
4602	McLean, Robert	09/30/201 6 08:31	2763	HONOLULU HARBOR	718	INLET STATUS	SDIHO020812	718	Followup Work Not Required
4603	McLean, Robert	09/29/201 6 07:17	2764	HONOLULU HARBOR	697	INLET STATUS	SDIHO313954	697	Followup Work Not Required
4604	McLean, Robert	10/3/2016 11:19	2765	HONOLULU HARBOR	685	INLET STATUS	SDIHO243502	685	Followup Work Required
4605		09/18/201 6 09:06	2766	HONOLULU HARBOR	672	INLET STATUS	SDIHO427202	672	
4606	McLean, Robert	09/22/201 6 01:07	2767	HONOLULU HARBOR	648	INLET STATUS	SDIHO427608	648	Followup Work Not Required
4607	McLean, Robert	09/22/201 6 11:39	2768	HONOLULU HARBOR	647	INLET STATUS	SDIHO427610	647	Followup Work Not Required
4608	McLean,	09/22/201	2769	HONOLULU HARBOR	646	INLET	SDIHO427640	646	Followup Work Not

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	Dahad	0.44.00	ld			OT 4 TU 10			D
4000	Robert	6 11:06	0770	HONOLULLIADDOD	0.45	STATUS	001110407704	0.45	Required
4609	McLean,	09/22/201	2770	HONOLULU HARBOR	645	INLET	SDIHO427724	645	Followup Work Not
4040	Robert	6 12:18	0774	HONOLULLIADOOD	044	STATUS	CDII IO 407700	0.4.4	Required
4610	McLean,	09/22/201	2771	HONOLULU HARBOR	644	INLET	SDIHO427726	644	Followup Work Not
4044	Robert	6 12:15	0770	HONOLULLIADOOD	0.40	STATUS	ODU 10 407700	0.40	Required
4611	McLean,	09/22/201	2772	HONOLULU HARBOR	643	INLET	SDIHO427722	643	Followup Work Not
4612	Robert	6 12:19 09/22/201	2773	HONOLULU HARBOR	642	STATUS INLET	CDII IO 407700	642	Required
4612	McLean,	6 12:26	2//3	HONOLULU HARBOR	642	STATUS	SDIHO427700	642	Followup Work Required
4044	Robert		0775		600		SDIHO111766	600	Fallowers Work Not
4614	McLean,	09/28/201	2775		633	INLET STATUS	SDIHO111700	633	Followup Work Not
4616	Robert McLean,	6 01:27 10/19/201	2777	HONOLULU HARBOR	614	INLET	SDIHO427562	614	Required Followup Work Not
4010	Robert	6 01:29	2111	HONOLULU HARBOR	014	STATUS	30100427302	014	Required
4617	McLean,	10/19/201	2778		613	INLET	SDIHO427582	613	Followup Work Not
4017	Robert	6 01:27	2110		013	STATUS	30110427302	013	Required
4618	Robert	12/6/2016	2779	HONOLULU HARBOR	7	PERMAN	EHBMPHO314	7	Followup Work Required
4010		10:46	2113	TIONOLOLO HARBOR	,	ENT ST	158	,	i ollowup work Nequired
		10.40				ORM_D	100		
						RAIN_B			
						MP			
4619		12/6/2016	2779	HONOLULU HARBOR	6	PERMAN	EHBMPHO314	6	Followup Work Required
		10:46				ENT_ST	157		· onon ap it ont it oquite
						ORM D			
						RAIN B			
						MP_			
4620		12/6/2016	2779	HONOLULU HARBOR	5	PERMAN	EHBMPHO314	5	Followup Work Required
		10:46				ENT_ST	156		
						ORM_D			
						RAIN_B			
						MP			
4621		12/6/2016	2779	HONOLULU HARBOR	4	PERMAN	EHBMPHO314	4	Followup Work Required
		10:46				ENT_ST	155		
						ORM_D			
						RAIN_B			
						MP			
4622		12/6/2016	2779	HONOLULU HARBOR	3	PERMAN	EHBMPHO314	3	Followup Work Required
		10:46				ENT_ST	154		
						ORM_D			

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						RAIN_B MP			
4623		12/6/2016 10:46	2779	HONOLULU HARBOR	2	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 153	2	Followup Work Required
4624		12/6/2016 10:46	2779	HONOLULU HARBOR	1	PERMAN ENT_ST ORM_D RAIN_B MP	EHBMPHO314 152	1	Followup Work Required
4625	McLean, Robert	10/19/201 6 01:26	2780	HONOLULU HARBOR	612	INLET STATUS	SDIHO427584	612	Followup Work Not Required
4626	McLean, Robert	10/19/201 6 01:24	2781	HONOLULU HARBOR	611	INLET STATUS	SDIHO427602	611	Followup Work Not Required
4627	McLean, Robert	09/22/201 6 10:53	2782	HONOLULU HARBOR	608	INLET STATUS	SDIHO427316	608	Followup Work Not Required
4628	McLean, Robert	09/21/201 6 12:25	2783	HONOLULU HARBOR	607	INLET STATUS	SDIHO427314	607	Followup Work Not Required
4629	McLean, Robert	09/18/201 6 09:16	2784	HONOLULU HARBOR	605	INLET STATUS	SDIHO427308	605	Followup Work Not Required
4630	McLean, Robert	10/6/2016 09:40	2785	HONOLULU HARBOR	604	INLET STATUS	SDIHO427306	604	Followup Work Not Required
4631	McLean, Robert	09/22/201 6 11:24	2786	HONOLULU HARBOR	603	INLET STATUS	SDIHO427620	603	Followup Work Not Required
4632	McLean, Robert	09/22/201 6 11:21	2787	HONOLULU HARBOR	602	INLET STATUS	SDIHO427622	602	Followup Work Not Required
4633	McLean, Robert	09/22/201 6 11:04	2788	HONOLULU HARBOR	601	INLET STATUS	SDIHO427624	601	Followup Work Not Required
4634	McLean, Robert	09/22/201 6 11:01	2789	HONOLULU HARBOR	600	INLET STATUS	SDIHO427626	600	Followup Work Not Required
4635	McLean, Robert	09/22/201 6 11:27	2790	HONOLULU HARBOR	597	INLET STATUS	SDIHO427604	597	Followup Work Not Required
4636	McLean, Robert	09/21/201 6 12:15	2791	HONOLULU HARBOR	586	INLET STATUS	SDIHO427312	586	Followup Work Not Required
4637	McLean, Robert	09/22/201 6 11:30	2792	HONOLULU HARBOR	585	INLET STATUS	SDIHO427606	585	Followup Work Not Required

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4638	McLean, Robert	09/18/201 6 09:13	2793	HONOLULU HARBOR	584	INLET STATUS	SDIHO427310	584	Followup Work Not Required
4639	McLean, Robert	09/22/201 6 10:58	2794	HONOLULU HARBOR	583	INLET STATUS	SDIHO427320	583	Followup Work Required
4640	McLean, Robert	10/19/201 6 01:33	2795	HONOLULU HARBOR	582	INLET STATUS	SDIHO395612	582	Followup Work Not Required
4641	McLean, Robert	09/22/201 6 07:37	2796	HONOLULU HARBOR	569	INLET STATUS	SDIHO427226	569	
4642	McLean, Robert	09/30/201 6 08:17	2797	HONOLULU HARBOR	568	INLET STATUS	SDIHO314142	568	Followup Work Not Required
4643		09/18/201 6 09:02	2798	HONOLULU HARBOR	567	INLET STATUS	SDIHO427224	567	Followup Work Not Required
4644	McLean, Robert	09/18/201 6 09:09	2799	HONOLULU HARBOR	566	INLET STATUS	SDIHO427200	566	Followup Work Not Required
4645	McLean, Robert	09/13/201 6 07:00	2800	HONOLULU HARBOR	565	INLET STATUS	SDIHO427222	565	Followup Work Not Required
4646	McLean, Robert	09/14/201 6 11:37	2801	HONOLULU HARBOR	564	INLET STATUS	SDIHO427204	564	Followup Work Not Required
4647	McLean, Robert	09/14/201 6 11:34	2802	HONOLULU HARBOR	563	INLET STATUS	SDIHO427206	563	Followup Work Not Required
4648	McLean, Robert	09/22/201 6 11:18	2803	HONOLULU HARBOR	562	INLET STATUS	SDIHO427630	562	Followup Work Not Required
4649	McLean, Robert	09/22/201 6 11:13	2804		561	INLET STATUS	SDIHO427642	561	Followup Work Not Required
4650	McLean, Robert	09/21/201 6 12:18	2805		560	INLET STATUS	SDIHO427318	560	Followup Work Not Required
4651	McLean, Robert	09/13/201 6 07:15	2806		557	INLET STATUS	SDIHO427220	557	Followup Work Not Required
4652	McLean, Robert	09/22/201 6 12:29	2807	HONOLULU HARBOR	559	INLET STATUS	SDIHO427710	559	Followup Work Not Required
4653	McLean, Robert	09/22/201 6 12:35	2808	HONOLULU HARBOR	558	INLET STATUS	SDIHO427350	558	Followup Work Not Required
4654	McLean, Robert	09/30/201 6 01:03	2809	HONOLULU HARBOR	556	INLET STATUS	SDIHO314160	556	Followup Work Not Required
4655	McLean, Robert	09/22/201 6 12:32	2810	HONOLULU HARBOR	553	INLET STATUS	SDIHO427352	553	Followup Work Not Required
4656		09/29/201 6 07:04	2811	HONOLULU HARBOR	549	INLET STATUS	SDIHO313964	549	'

Inspection Id	Inspected By	Date / Time	Work Order Id	District	Entity Sid	Feature Type	Feature Uid	Feature Id	Resolution
4657	McLean, Robert	09/22/201 6 12:38	2812	HONOLULU HARBOR	532	INLET STATUS	SDIHO426972	532	Followup Work Not Required
4658	McLean, Robert	09/27/201 6 01:55	2813	HONOLULU HARBOR	529	INLET STATUS	SDIHO416574	529	Followup Work Not Required
4659	McLean, Robert	09/27/201 6 01:58	2814	HONOLULU HARBOR	528	INLET STATUS	SDIHO416572	528	Followup Work Not Required
4660	McLean, Robert	09/30/201 6 07:58	2815	HONOLULU HARBOR	521	INLET STATUS	SDIHO313904	521	Followup Work Not Required
4661	McLean, Robert	09/30/201 6 08:02	2816	HONOLULU HARBOR	520	INLET STATUS	SDIHO313924	520	Followup Work Not Required
4662	McLean, Robert	10/3/2016 08:33	2817	HONOLULU HARBOR	470	INLET STATUS	SDIHO344352	470	Followup Work Not Required
4663	McLean, Robert	09/30/201 6 08:09	2818	HONOLULU HARBOR	446	INLET STATUS	SDIHO314012	446	Followup Work Not Required
4664	McLean, Robert	09/30/201 6 08:21	2819	HONOLULU HARBOR	442	INLET STATUS	SDIHO313968	442	Followup Work Not Required
4665	McLean, Robert	09/30/201 6 08:06	2820	HONOLULU HARBOR	441	INLET STATUS	SDIHO314002	441	Followup Work Not Required
4666	McLean, Robert	09/30/201 6 08:24	2821	HONOLULU HARBOR	440	INLET STATUS	SDIHO313970	440	Followup Work Not Required
4667	McLean, Robert	10/3/2016 01:15	2822	HONOLULU HARBOR	440	INLET STATUS	SDIHO313970	440	Followup Work Not Required
4668	McLean, Robert	10/3/2016 08:50	2823	HONOLULU HARBOR	414	INLET STATUS	SDIHO293206	414	Followup Work Not Required
4669			2824	HONOLULU HARBOR	360	INLET STATUS	SDIHO182310	360	- 1
4670	McLean, Robert	09/28/201 6 10:47	2825		300	INLET STATUS	SDIHO091294	300	Followup Work Not Required
4671	McLean, Robert	09/28/201 6 10:38	2826		298	INLET STATUS	SDIHO091308	298	Followup Work Not Required
4672	McLean, Robert	09/28/201 6 10:41	2827		297	INLET STATUS	SDIHO091310	297	Followup Work Not Required
4673		09/28/201 6 12:15	2828		294	INLET STATUS	SDIHO091292	294	- 1
4674	McLean, Robert	09/30/201 6 12:54	2829	HONOLULU HARBOR	289	INLET STATUS	SDIHO020508	289	Followup Work Not Required
4675	McLean, Robert	09/30/201 6 12:50	2830	HONOLULU HARBOR	288	INLET STATUS	SDIHO020520	288	Followup Work Not Required

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4676	McLean, Robert	09/30/201 6 12:38	2831	HONOLULU HARBOR	287	INLET STATUS	SDIHO020522	287	Followup Work Not Required
4677	McLean, Robert	09/30/201 6 08:35	2832	HONOLULU HARBOR	286	INLET STATUS	SDIHO020644	286	Followup Work Not Required
4678	McLean, Robert	09/30/201 6 08:41	2833	HONOLULU HARBOR	285	INLET STATUS	SDIHO020642	285	Followup Work Not Required
4679		09/28/201 6 12:18	2834		296	INLET STATUS	SDIHO091296	296	
4680	McLean, Robert	09/28/201 6 10:51	2835		295	INLET STATUS	SDIHO091290	295	Followup Work Not Required
4681	McLean, Robert	09/30/201 6 12:31	2836	HONOLULU HARBOR	284	INLET STATUS	SDIHO020640	284	Followup Work Not Required
4682	McLean, Robert	10/3/2016 01:16	2837	HONOLULU HARBOR	283	INLET STATUS	SDIHO020650	283	Followup Work Not Required
4683		09/30/201 6 08:28	2838	HONOLULU HARBOR	278	INLET STATUS	SDIHO020806	278	
4684	McLean, Robert	09/28/201 6 01:22	2839	HONOLULU HARBOR	277	INLET STATUS	SDIHO020804	277	Followup Work Not Required
4685	McLean, Robert	09/28/201 6 01:19	2840	HONOLULU HARBOR	265	INLET STATUS	SDIHO020810	265	Followup Work Not Required
4686	McLean, Robert	09/28/201 6 01:25	2841	HONOLULU HARBOR	247	INLET STATUS	SDIHO092030	247	Followup Work Required
4687	McLean, Robert	09/28/201 6 12:44	2842	HONOLULU HARBOR	240	INLET STATUS	SDIHO081240	240	Followup Work Not Required
4688	McLean, Robert	09/28/201 6 12:21	2843		239	INLET STATUS	SDIHO081282	239	Followup Work Not Required
4689		09/28/201 6 12:26	2844		238	INLET STATUS	SDIHO081284	238	
4691	McLean, Robert	09/28/201 6 12:29	2846		237	INLET STATUS	SDIHO081286	237	Followup Work Not Required
4692	McLean, Robert	09/28/201 6 12:34	2847		236	INLET STATUS	SDIHO081288	236	Followup Work Not Required
4693	McLean, Robert	09/28/201 6 12:40	2848		235	INLET STATUS	SDIHO081242	235	Followup Work Not Required
4694	McLean, Robert	10/3/2016 08:23	2849	HONOLULU HARBOR	224	INLET STATUS	SDIHO324244	224	Followup Work Not Required
4695	McLean, Robert	10/3/2016 08:31	2850	HONOLULU HARBOR	215	INLET STATUS	SDIHO324242	215	Followup Work Not Required

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4696	McLean, Robert	10/3/2016 01:16	2851	HONOLULU HARBOR	178	INLET STATUS	SDIHO020176	178	Followup Work Not Required
4697	McLean, Robert	09/28/201 6 01:29	2852	HONOLULU HARBOR	158	INLET STATUS	SDIHO111798	158	Followup Work Not Required
4698	McLean, Robert	10/3/2016 07:13	2853	HONOLULU HARBOR	52	INLET STATUS	SDIHO385154	52	Followup Work Not Required
4699	McLean, Robert	10/3/2016 07:19	2854	HONOLULU HARBOR	51	INLET STATUS	SDIHO385152	51	Followup Work Not Required
4700			2855	HONOLULU HARBOR	155	OPEN LINE STATUS	SDOHO08151 5	155	
4704	McLean, Robert	09/28/201 6 01:03	2859	HONOLULU HARBOR	781	INLET STATUS	SDIHO051942 3	781	Followup Work Not Required
4705	McLean, Robert	09/28/201 6 01:16	2860	HONOLULU HARBOR	780	INLET STATUS	SDIHO052887 4	780	Followup Work Not Required
4706	McLean, Robert	09/28/201 6 01:14	2861	HONOLULU HARBOR	779	INLET STATUS	SDIHO051942 9	779	Followup Work Not Required
4707	McLean, Robert	09/28/201 6 01:11	2862	HONOLULU HARBOR	778	INLET STATUS	SDIHO051942 7	778	Followup Work Not Required
4708	McLean, Robert	09/28/201 6 12:57	2863	HONOLULU HARBOR	251	INLET STATUS	SDIHO061102	251	Followup Work Not Required
4709	McLean, Robert	09/27/201 6 01:10	2864	HONOLULU HARBOR	581	INLET STATUS	SDIHO416984	581	Followup Work Not Required
4710	McLean, Robert	09/27/201 6 01:32	2865	HONOLULU HARBOR	580	INLET STATUS	SDIHO417014	580	Followup Work Not Required
4711	McLean, Robert	09/27/201 6 01:29	2866	HONOLULU HARBOR	579	INLET STATUS	SDIHO417012	579	Followup Work Not Required
4712	McLean, Robert	09/27/201 6 01:48	2867	HONOLULU HARBOR	578	INLET STATUS	SDIHO427032	578	Followup Work Not Required
4713	McLean, Robert	09/27/201 6 01:46	2868	HONOLULU HARBOR	577	INLET STATUS	SDIHO427034	577	Followup Work Not Required
4714	McLean, Robert	09/27/201 6 01:42	2869	HONOLULU HARBOR	576	INLET STATUS	SDIHO427036	576	Followup Work Not Required
4715	McLean, Robert	09/27/201 6 01:38	2870	HONOLULU HARBOR	575	INLET STATUS	SDIHO427038	575	Followup Work Not Required
4716	McLean, Robert	09/27/201 6 01:26	2871	HONOLULU HARBOR	574	INLET STATUS	SDIHO417002	574	Followup Work Not Required

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4717	McLean, Robert	09/27/201 6 01:36	2872	HONOLULU HARBOR	573	INLET STATUS	SDIHO427040	573	Followup Work Not Required
4718	McLean, Robert	09/27/201 6 01:18	2873	HONOLULU HARBOR	572	INLET STATUS	SDIHO417004	572	Followup Work Not Required
4719	McLean, Robert	09/27/201 6 01:13	2874	HONOLULU HARBOR	570	INLET STATUS	SDIHO416982	570	Followup Work Not Required
4720	McLean, Robert	09/28/201 6 01:00	2875	Honolulu Harbor	262	INLET STATUS	SDIHO061100	262	Followup Work Not Required
4721	McLean, Robert	09/28/201 6 12:49	2876	HONOLULU HARBOR	807	INLET STATUS	SDIHO071184	807	Followup Work Not Required
4722	McLean, Robert	09/28/201 6 12:52	2877	HONOLULU HARBOR	787	INLET STATUS	SDIHO609162	787	Followup Work Not Required
4723	McLean, Robert	09/28/201 6 12:52	2878	HONOLULU HARBOR	786	INLET STATUS	SDIHO609161	786	Followup Work Not Required
4724	McLean, Robert	09/28/201 6 12:46	2879	HONOLULU HARBOR	788	INLET STATUS	SDIH0071192	788	Followup Work Not Required
4725	McLean, Robert	10/3/2016 11:22	2880	HONOLULU HARBOR	421	INLET STATUS	SDIHO152202	421	Followup Work Not Required
4936	McLean, Robert	10/12/201 6 07:40	2906	HONOLULU HARBOR	424	INLET STATUS	SDIHO243522	424	Followup Work Required
4938	McLean, Robert	10/19/201 6 01:40	2911	HONOLULU HARBOR	269	INLET STATUS	SDIHO010210	269	Followup Work Not Required
4978	McLean, Robert	09/21/201 6 12:00	2963		525	INLET STATUS	SDIHO416994	525	Followup Work Not Required
4980	McLean, Robert	12/2/2016 01:01	2966		16	INLET STATUS	SDIBP077102	16	Followup Work Required

Attachment 20 Street Sweeper Log

Street Sweeper Log 2016

Date	Debris Collected (cf)	Remarks
01/13/16	7.82	SWEEPER WASTE ONLY
02/08/16	12.44	SWEEPER WASTE ONLY
04/07/16	10.81	SWEEPER WASTE ONLY
04/07/16	8.20	SWEEPER WASTE ONLY
04/08/16	12.01	SWEEPER WASTE ONLY
05/06/16	12.13	SWEEPER WASTE ONLY
05/09/16	7.93	KALAELOA SWEEPER WASTE
05/09/16	0.74	SWEEPER WASTE ONLY
05/10/16	7.13	KALAELOA SWEEPER WASTE
05/11/16	8.05	KALAELOA SWEEPER WASTE
05/19/16	3.24	SWEEPER WASTE ONLY
06/16/15	7.46	SWEEPER WASTE ONLY
06/29/16	4.86	KCT GRUB
07/07/16	6.26	SWEEPER WASTE ONLY
07/21/16	3.88	SWEEPER WASTE ONLY
08/01/16	6.18	SWEEPER WASTE ONLY
08/17/16	7.41	SWEEPER WASTE ONLY
08/25/16	7.40	SWEEPER WASTE ONLY
09/12/16	7.69	SWEEPER WASTE ONLY
10/05/16	6.04	SWEEPER & DRAIN WASTE
11/01/16	6.02	SWEEPER & DRAIN WASTE
11/17/16	7.46	SWEEPER & DRAIN WASTE
12/20/16	7.80	SWEEPER WASTE ONLY
Sum	168.96	

Attachment 21 Photographic Documentation





Photo 1 Description: Stenciling by drain inlet prevents illicit discharges.

Photo 2 Description: Matson cranes at pier 52.



Photo 3 Description: Chemical hazard sign properly placed in visible location.



Photo 4 Description: The contents of a large spill kit located on Pier 51A.





Photo 5 Description: Flammables are stored in designated metal cabinets.

Photo 6 Description: Used batteries over secondary containment stored in labeled cargo container.





Photo 7 Description: Absorbent socks surround a drain inlet to prevent pollutants from entering the MS4.

Photo 8 Description: Drip pan placed beneath forklift captures oil leakages.





Photo 9 Description: Attendees at the Protect our Water Conference.

Photo 10 Description: Stormwater management posters displayed at the Protect our Water Conference.





Photo 11 Description: Harbors at a training session.

Photo 12 Description: Harbors booth with educational handouts on stormwater pollution prevention.





Photo 13 Description: Inspectors prepared to inspect outfalls at Honolulu Harbor.

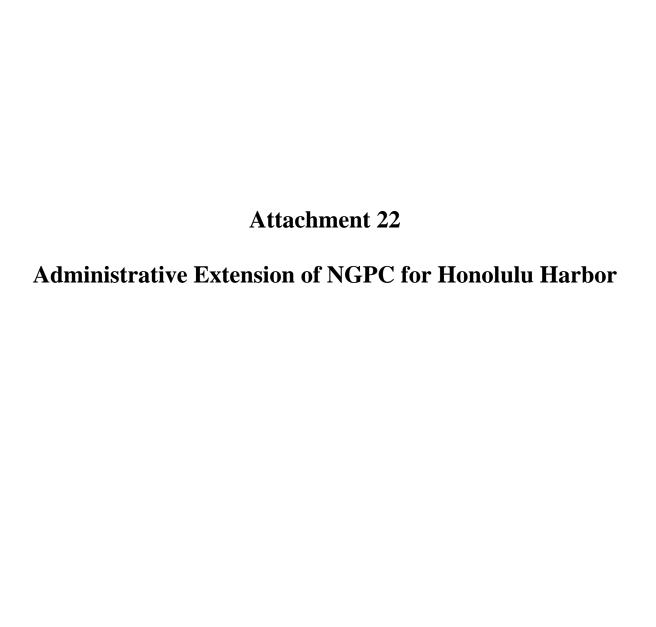
Photo 14 Description: Dry weather inspection of outfalls.





Photo 16 Description: Tenant training session on 8/25/16.

Photo 16 Description: Tenant training session with consultants providing presentation assistance on 8/25/16.



VIRGINIA PRESSLER, M.D.

In reply, please refer to: EMD/CWB

03KB482.EXT.16

December 2, 2016

The Honorable Ford N. Fuchigami Director Department of Transportation 869 Punchbowl Street Honolulu, Hawaii 96813-5097

Attention: Mr. Carter Luke

Engineering Program Manager

Dear Mr. Fuchigami:

Subject:

Administrative Extension of

Notice of General Permit Coverage (NGPC) for

Honolulu Harbor

Honolulu, Island of Oahu, Hawaii

File No. HI 03KB482

The Department of Health (DOH), Clean Water Branch (CWB), acknowledges receipt of your 2016 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.

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. Glenn Haae of the Engineering Section, CWB, at (808) 586-4309.

Sincerely,

for

VIRGINIA PRESSLER, M.D. Director of Health

GH

c: Mr. Carter Luke, DOT-HAR [via e-mail <u>Carter.Luke@hawaii.gov</u> only]

Mr. Randal Leong, DOT-HAR [via e-mail randal.leong@hawaii.gov only]

Mr. Frederick Nunes, DOT-HAR [via e-mail frederick.nunes@hawaii.gov only]

Attachment 23

Administrative Extension of NGPC for Kalaeloa Barbers Point Harbor

VIRGINIA PRESSLER, M.D.

In reply, please refer to: EMD/CWB

03KB488.EXT.16

December 2, 2016

The Honorable Ford N. Fuchigami Director Department of Transportation 869 Punchbowl Street Honolulu, Hawaii 96813-5097

Attention: Mr. Carter Luke

Engineering Program Manager

Dear Mr. Fuchigami:

Subject:

Administrative Extension of

Notice of General Permit Coverage (NGPC) for

Kalaeloa Barbers Point Harbor Kapolei, Island of Oahu, Hawaii

File No. HI 03KB488

The Department of Health (DOH), Clean Water Branch (CWB), acknowledges receipt of your 2016 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.

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. Glenn Haae of the Engineering Section, CWB, at (808) 586-4309.

Sincerely,

for

VIRGINIA PRESSLER, M.D. Director of Health

GH

c: Mr. Carter Luke, DOT-HAR [via e-mail <u>Carter.Luke@hawaii.gov</u> only]
Mr. Randal Leong, DOT-HAR [via e-mail <u>randal.leong@hawaii.gov</u> only]

Mr. Frederick Nunes, DOT-HAR [via e-mail frederick.nunes@hawaii.gov only]