STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

STATE OF HAWAII, DEPARTMENT OF TRANSPORTATION, HARBORS DIVISION
OAHU DISTRICT MAINTENANCE BASEYARD

48 SAND ISLAND ACCESS ROAD
HONOLULU, HAWAII 96819-2221
808-832-3845

NPDES PERMIT NO. HI R80G760

Prepared For:
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HARBORS DIVISION
OAHU DISTRICT MAINTENANCE BASEYARD
48 Sand Island Access Road
Honolulu, Hawaii 96819-2221

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RECORD OF REVISION

Version No.	Revision Date	Description	Sections Affected
1.0	September 2007	Initial	All
2.0	June 2009	Formatting revision	All
3.0	October 2014	Certification Statement and signature block of Authorized Representative	Record of Revision
4.0	March 2015	Formatting revision, stormwater sampling requirements	All
5.0	October 2020	Formatting revision, stormwater sampling requirements, and content updates	All
6.0	June 2022	Updated permit requirements under HAR 11-55 Appendix B	All
7.0	June 2022	Update with new NPDES permit number and completed NOI	Cover; Sections 1, 2, and 4 to 7; Appendices B, C, D, K, and L

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

Jade T. Butay
Director of Transportation

Jul 7, 2022
Date

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LIST OF ACRONYMS

BMP	Best Management Practice
CFR	Code of Federal Regulations
COC	Chain of Custody
CWA	Clean Water Act
CWB	Clean Water Branch
DMR	Discharge Monitoring Report
DP	Discharge Point
EC	Emergency Coordinator
ELG	Effluent Limitation Guideline
EPA	United States Environmental Protection Agency
HAR	Hawaii Administrative Rules
HAR-EE	State of Hawaii, Department of Transportation, Harbors Division, Engineering Branch, Environmental Section
HDOH	State of Hawaii Department of Health
HDOT	State of Hawaii Department of Transportation
HEER	Hazard Evaluation and Emergency Response
LEPC	Local Emergency Planning Committee
MS4	Municipal Separate Storm Sewer System
MSGP	Multisector General Permit
NACIS	North American Industrial Classification System
NGPC	Notice of General Permit Coverage
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
NRC	National Response Center
PPE	Personal Protective Equipment
QA/QC	Quality Assurance /Quality Control
SIC	Standard Industrial Classification Code
SIDP	Substantially Identical Discharge Points
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
TMK	Tax Map Key
TSS	Total Suspended Solids
USCG	United States Coast Guard
UST	Underground Storage Tank

1.0 INTRODUCTION

Federal regulations administered by the State of Hawaii, Department of Health (HDOH) in Hawaii Administrative Rules (HAR) Chapter 11-55 Appendix B require that facilities engaging in industrial activities as defined by the facilities primary Standard Industrial Classification (SIC) code and 40 Code of Federal Regulations (CFR) § 122.26 (b)(14)(i) through 122.26 (b)(14)(ix) and 122.26 (b)(14)(xi) to obtain a National Pollutant Discharge Elimination System (NPDES) permit or Notice of General Permit Coverage (NGPC) for stormwater associated with industrial activities. State of Hawaii Department of Transportation (HDOT), Harbors Division Oahu District Maintenance Baseyard (hereinafter referred to as the "Baseyard") is classified as an industrial facility with a primary SIC code of 4499 Water Transportation Services, Not Elsewhere Classified. Activities at the Baseyard that are associated with industrial activity are discussed in **Section 2.0 Site Description.**

A copy of the **NGPC File No. HI R80G760** can be found in Appendix B. The purpose of the regulations is to protect water quality by reducing the amount of pollutants in stormwater runoff from industrial activities.

Facility Owner

HDOT

869 Punchbowl Street, Honolulu, Hawaii 96813

Facility Operator

HDOT Harbors Division Oahu District Maintenance Baseyard

48 Sand Island Access Road, Honolulu, HI 96819-2221

808-832-3845

SWPPP Primary Contact

HDOT Harbors Division, Engineering Program Manager

79 South Nimitz Highway Honolulu, HI 96813

808-587-1862

1.1 SWPPP Implementation and Updates

The Stormwater Pollution Prevention Plan (SWPPP) was prepared in accordance with good engineering practices and industry standards to comply with HAR Chapter 11-55, Appendix B and the NGPC. The SWPPP documents the selection, design, and installation of control measures and best management practices (BMPs) to meet the permit's effluent limits by minimizing the discharge of pollutants in stormwater runoff. Requirements of the SWPPP include the following:

- The stormwater management controls of this SWPPP will become part of the operating procedures at the Baseyard. The Baseyard management, staff, and maintenance personnel will be knowledgeable of the SWPPP and will implement control measures and BMPs detailed within the SWPPP.
- The SWPPP and all subsequent revisions, accompanying records and reports are maintained in the Baseyard office and will be made available to the HDOH Clean Water Branch (CWB) and/or United States Environmental Protection Agency (EPA) upon request. The Baseyard will retain these records for a minimum of three years from the date the permit expires or is terminated.
- Routine facility inspections and quarterly visual inspections of stormwater discharges will be conducted using the *Routine Facility Inspection Checklist & Quarterly Visual Assessment Checklist* (Appendix C), to ensure the facility remains in compliance with the SWPPP. Documentation of all corrective actions will be maintained at the Baseyard.
- Maintenance activities on control measures will be documented in the *Control Measures Maintenance Records* form (Appendix D).
- Records of spills of reportable quantity, will be provided made to HDOH CWB and any other required agency. Spills will be documented in the *Spill, Leak, or Release Log* (Appendix E).
- Annual employee training will be conducted to inform personnel on the SWPPP, spill response procedures, control measures and BMPs, pollution prevention requirements, and site inspections. Annual training will be documented in the *SWPPP Training Roster* (Appendix F). At a minimum, stormwater monitoring and reporting is required as described in **Section 5.0 Stormwater Monitoring Plan**.
- The required Annual Report will be submitted to DOH-CWB electronically by January 30th each year of permit coverage as described in **Section 7.4 Annual Report.**
- At a minimum, annually, the SWPPP will be reviewed for effectiveness and revisions will be made if needed. In the event the SWPPP is modified, a copy of the updated SWPPP will be forwarded to HDOH CWB upon request and to facility personnel.
- HDOH CWB may require SWPPP modifications after review of this document. Additionally, the Baseyard will review and modify the SWPPP, when major changes to the facility are made (i.e., change in design, operation, or maintenance) that may change the potential for discharge of pollutants to stormwater runoff, or to address past spills or releases, or if the average of four quarterly sampling results exceeds an applicable benchmark.
- Implementation and enforcement of the SWPPP, NGPC, and HAR Chapter 11-55, Appendix B are the responsibility of the SWPPP team.

1.2 SWPPP Stormwater Pollution Prevention Team

The SWPPP team outlined in Table 1, is responsible for overseeing the development and modification of the SWPPP, implementing and maintaining control measures, taking corrective actions when required, performing routine facility inspections and monitoring, coordinating training of all facility personnel, and communicating changes made to the SWPPP to personnel

working at the Baseyard. The SWPPP team is comprised of qualified personnel familiar with the facility and its operations. Each member of the SWPPP team has access to HAR 11-55, Appendix B and NGPC and the most updated copy of the SWPPP and associated documents and forms.

TABLE 1: BASEYARD SWPPP STORMWATER POLLUTION PREVENTION TEAM

SWPPP Team Member #1	Roles and Responsibilities
HDOT Harbors Division Engineering Branch Program Manager 808-587-1862	Oversees the development and modifications to the SWPPP.
HDOT Harbors Division Engineering Branch Environmental Section Section Head 808-587-1962	Responsible for plan/report review and the implementation of trainings, inspections, and monitoring (collection of stormwater samples and maintenance of auto sampler), as well as recordkeeping related to the SWPPP; assists with reportable spill notification.
EnviroServices & Training Center, LLC Consultant 808-839-7222	Assists with plan/report preparation, review, and modification; conducts inspections; and assists with trainings, stormwater sampling, and related device maintenance.

SWPPP Team Member #2	Roles and Responsibilities
Oahu District Maintenance Section Construction & Maintenance Superintendent 808-832-3845	Responsible for reportable spill notification, and the implementation and maintenance of control measures and corrective actions when required.

SWPPP Team Member #3	Roles and Responsibilities
Oahu District Operation Section Sanitation & Grounds Unit Maintenance & Repair Supervisor 808-832-3848	Responsible for reportable spill notification, and the implementation and maintenance of control measures and corrective actions when required.

1.3 SWPPP Availability

This SWPPP will be available for review by team members and regulatory agencies during normal business hours. The Baseyard will retain copies of all reports and certifications required by their NGPC and HAR Chapter 11-55, Appendix B, including monitoring data, and records of data used to complete the Notice of Intent (NOI) for a minimum of at least three years from the date the permit expires or is terminated. A hard copy of the SWPPP is kept at the Baseyard's office, located at 48 Sand Island Access Road, Honolulu HI 96819-2221.

2.0 SITE DESCRIPTION

Facility Name:	State of Hawaii Department of Transportation Harbors Division Oahu District Maintenance Baseyard
Facility Address:	48 Sand Island Access Road Honolulu, Hawaii 96819-2221 Honolulu County
Business Hours:	Monday through Friday from 0645 to 1515, excluding state holidays
NPDES File No.:	HI R80G760
Facility Classification:	**Primary SIC Code, Sector & Subsector:** Sector Q: Water Transportation, Subsector Q1 SIC Code: 4499, Water Transportation Services, Not Elsewhere Classified NAICS Code: 488390, Othe Support Activities for Water Transportation
Latitude/Longitude	21°19'21.4"N 157°53'31.9"W

The Baseyard is located in the southern portion of the island of Oahu at 48 Sand Island Access Road, Honolulu, Hawaii 96819-2221 (Appendix A, Figure 1 *Location Map*) and is not connected to any Municipal Separate Storm Sewer System (MS4). The Baseyard is identified by tax map key (TMK) 1-2-025:022 and property records identify HDOT Harbors Division as the land owner. The Baseyard covers an area of approximately 5.3 acres and approximately 3.35 acres are exposed to industrial activity. Activities conducted at the Baseyard facility include the following:

- Equipment maintenance;
- Equipment fueling;
- Equipment washing;
- Fuel loading/unloading;
- Vehicle parking;
- Painting;
- Carpentry;
- Welding;
- Material storage;
- Material Handling and Use.

2.1 Site Drainage and Discharge Point Description

There are three discharge locations points (DP) at the facility which discharge directly into Keehi Lagoon, an estuary classified as Class A, Embayment. The final *2022 State of Hawaii Water Quality Monitoring and Assessment Repor*t classifies Keehi Lagoon as impaired, however a Total

Maximum Daily Load (TMDL) has not been established. Confirmed with the new data, *Enterococci* is no longer considered the main pollutant contributing to impairment to Keehi Lagoon. Currently, the only listed pollutant is *Turbidity*, which is not expected to be present in the industrial stormwater discharges from the facility due to the nature of operations.

Appendix A, Figure 3 (*Site Drainage)* outlines the drainage system at the facility. The paved portion of the facility has been divided for the purpose of describing the direction of stormwater flow. The entire site is slightly above the high tide mark with a slight downward gradient towards Keehi Lagoon and the area near Discharge Point (DP) #1 is affected by the maximum high tide.

As annotated on Figure 2 (*Site Map*) in Appendix A, Zone 1 consists of three steel-framed warehouses (Buildings 1, 2, and 3) with metal sidings that split into separate bays (Appendix A, Figure 2 *Site Map*). Building 1 includes a maintenance bay, material storage area, chemical storage area (pesticides and fertilizers), and employee breakroom. A fuel dispenser is located beneath the building overhang and is fueled from underground storage tank (UST). The maintenance bay includes, new and used tire storage, used batteries on secondary containment, parts storage, 55-gallon drums and small containers of lubricants, new and used oil, and other products stored on secondary containment or within flammable storage lockers.

Building 2 includes a wood shop, paint storage, and material storage. Additionally, there is a steel-framed canopy adjacent to Building 2 which houses a paint booth, paint storage area, flammable storage lockers, and hazardous material and hazardous waste which are stored within a locked metal container.

Building 3 consists of dry material storage, universal waste storage, and a diesel fueling pump, which is located under cover. Welding is conducted beneath a steel-framed canopy.

Vehicle and equipment washing is conducted outside and within a fully-contained but unrecovered wash rack that is equipped with a water recycling system. Outdoor material storage areas exposed to stormwater includes, miscellaneous metals and materials which are stored on dunnage or racks. Aggregate materials are covered with tarps and are contained within separate walled bins with a filter sock fronting each aggregate pile. Additionally, vehicles and equipment are parked beneath a photovoltaic canopy. Stormwater runoff from roofs and paved surfaces flows west toward DP #1 where it discharges into Keehi Lagoon.

Zone 2 consists of the office building and uncovered vehicle parking. Stormwater flows north towards DP #2 where it discharges into Keehi Lagoon.

Zone 3 consists of a small covered and a partially covered vehicle parking areas. Stormwater flows northwest towards DP #3 where it discharges into Keehi Lagoon.

3.0 SUMMARY OF POTENTIAL POLLUTANTS

This section describes all areas of the facility where industrial materials and activities are exposed to stormwater and/or where non-stormwater discharges originate. The EPA Multisector General Permit (MSGP) identifies industrial materials or activities to include, but not limited to, material handling activities, industrial machinery, raw materials, intermediate products, by-products, final products, and waste products. The EPA MSGP identifies material handling activities to include, but not limited to the storage, loading, and unloading, transportation, or conveyance of any raw material, intermediate product, final product or waste product. Table 2 lists potential pollutants present at the facility by their source.

TABLE 2: LIST OF POTENTIAL POLLUTANTS BY SOURCE

LOCATION	INDUSTRIAL ACTIVITY/MATERIAL	POTENTIAL POLLUTANTS
Zone 1	Material Storage	Metals and total suspended solids
	Vehicle and Equipment Washing	Detergents, sediment, debris
	Vehicle and Equipment Fueling	Gasoline, diesel, oil
	Aggregate Material Storage	Sediment, total suspended solids, debris
	Waste Disposal	Trash and debris

3.1 Zone 1

The outdoor material storage area is located at the lowest section of the facility, which is affected by the high tide and houses concrete blocks, mooring bollards and miscellaneous metal materials stored on dunnage.

Aggregate is stored outdoors and are covered with tarps anchored by weights and are contained within separate walled bins with a filter sock fronting each aggregate pile to minimize contact and discharge with stormwater. Any potential runoff from these materials is filtered by the filter socks before discharging into Keehi Lagoon.

There are three fueling areas located within Zone 1. Two fueling areas are located under cover at buildings 1 and 3. The fuel dispenser at building 1 is connected to one unleaded gasoline UST and the fuel dispenser at building 3 is connected to one diesel UST. The third fueling area is located outside under cover and currently not in use, however it is no longer in use. The connected unleaded gasoline and both USTs have been emptied since April 2019 (Appendix A, Figure 2 *Site Map*).

Vehicle and equipment washing occurs at the wash rack which is an elevated steel containment unit that isolates and captures any runoff. Wash water is contained and recycled within a closed loop reverse osmosis system, and stored in holding tanks. Spent wash water removed from the system during maintenance is pumped out by a third-party contractor and disposed of properly. Wash water is not allowed to flow off-site and into Keehi Lagoon. Vehicles and equipment are parked in a covered parking area with drip pans implemented underneath to catch any leaks or spills that may occur.

3.2 Spills and Leaks

The areas where potential spills and leaks could occur and potentially contribute to stormwater discharges are identified in Table 3.

TABLE 3: AREAS WHERE POTENTIAL SPILLS/LEAKS COULD OCCUR

LOCATION	DISCHARGE POINT
Zone 1, Covered Vehicle and Equipment Parking	Discharge Point #1, Keehi Lagoon
Zone 1, Fuel Dispensers	Discharge Point #1, Keehi Lagoon

All spill incidents are reported to the Emergency Coordinator (EC) designated by the Construction & Maintenance Superintendent. No significant reportable spills have occurred at the facility within the last three years. Reportable spills are spills that are more than 25-gallons of petroleum product, spills that are 25-gallons or less of petroleum products but not contained or remedied within 72 hours, spills that exceed the reportable quantity criteria for one or more chemicals listed with the HDOH Hazard Evaluation and Emergency Response (HEER) Office Technical Guidance Manual, and spills that enter a storm drain or nearby waterbody.

3.3 Unauthorized Non-Stormwater Discharges

Any discharge not composed entirely of stormwater, except for allowed non-stormwater discharges listed in the permit, is considered an illicit discharge. The Baseyard does not have a history of any illicit discharge for which notification was required.

In compliance with Part 5.2.3.4 of HAR Chapter 11-55, Appendix B an evaluation of the facility for the presence of non-stormwater discharges to comply was conducted on March 16, 2022. The evaluation is included in Table 4. The investigation was conducted during dry weather conditions. The evaluation included visual examinations and review of the stormwater drainage points listed below.

TABLE 4: UNAUTHORIZED NON-STORMWATER DISCHARGE EVALUATION

CRITERIA	DESCRIPTION
Date of Evaluation:	03/16/2022
Evaluation Criteria Description:	This facility does not connect to an MS4, any stormwater runoff discharges directly into Keehi Lagoon. All drainage points were observed at the facility for evidence of unauthorized discharges that would require corrective action.
Outfalls or On-site Drainage Observed	**Drainage No. DP # 1** Latitude: 21°19'11.1" N; Longitude: 157°53'31.6" W Stormwater sheet flows west where it is directed through a filter sock before discharging directly to Keehi Lagoon. **Drainage No. DP #2** Latitude: 21°19'12.7" N; Longitude: 157°53'29.1" W Stormwater sheet flows north where it is directed through a filter sock before discharging directly to Keehi Lagoon.

	Drainage No. DP # 3 Latitude: 21º19'12.8"N; Longitude: 157º53'28.7"W Stormwater sheet flows north where it discharges directly to Keehi Lagoon.
Action Measures:	The evaluation concluded that no unauthorized discharges require corrective action measures.

4.0 STORMWATER CONTROL MEASURES

By using proper management techniques and practices, it is possible to control identified potential sources of pollutants and reduce the number of spills/releases that come in contact with stormwater. Control measures have been selected, designed, and installed in accordance with good engineering practices, manufacturer's specifications, and are consistent with the requirements of HAR Chapter 11-55, Appendix B, to minimize potential pollutant discharge from the facility to the extent achievable in light of best industry practices. BMPs that have been implemented at the Baseyard are listed in Appendix G.

4.1 Non-Numeric Technology-Based Effluent Limits

This section identifies the non-numeric effluent limits and sector-specific non-numeric effluent limits listed in Part 8 of HAR Chapter 11-55, Appendix B.

4.1.1 Minimize Exposure

Minimizing exposure of manufacturing, processing, and material storage areas (i.e., loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain and stormwater runoff assists in minimizing pollutant discharges by moving industrial activities and materials inside or protecting them with storm resistant coverings.

The following practices are implemented to minimize potential pollutants from maintenance activities. All maintenance activities are conducted under cover and/or within various warehouses so that maintenance materials are not exposed to stormwater. These activities include vehicle and equipment repair, welding, and painting with proper safety and spill kits available. Materials are stored indoors, in covered areas, or are covered by tarpaulin and elevated off the ground on pallets to minimize contact with stormwater. Majority of the vehicles and equipment are parked under cover and drip pans are placed beneath to capture any potential leaks. Drip pains are inspected periodically and maintained as necessary. Vehicle and equipment washing is conducted within a wash rack, where wash water is contained and recycled within a closed loop reverse osmosis system and stored within holding tanks. Spent wash water is pumped out by a third-party contractor and properly disposed of.

4.1.2 Good Housekeeping

Good housekeeping practices have been developed to maintain a clean, safe, and orderly working environment. A clean and orderly work area reduces the possibility of accidental spills caused by equipment mishandling and should reduce safety hazards to personnel. Implementing good housekeeping measures assist in minimizing pollutant discharges and have been developed to ensure that waste generated by the facility is properly managed.

Work areas are cleaned daily and at the completion of maintenance and repair activities to recover and dispose of any trash and/or debris generated; all work areas are dry-swept and/or vacuumed. Additionally, the Baseyard is swept with a sweeper truck at a minimum of four times a week.

Drums, tanks, and containers are inspected for leaks. Spills and leaks that are observed are immediately cleaned up by personnel.

Work areas that implement BMPs include the Wash Rack, Auto Shop, Fuel Dispensers, and Covered Parking. The BMPs are included in Appendix G.

4.1.3 Maintenance

Maintaining all control measures, industrial equipment, and systems implemented at the facility assist in minimizing pollutant discharges to achieve the benchmark monitoring concentrations listed in the permit. Preventive maintenance involves the examination of mechanical equipment and systems to uncover conditions that could cause equipment breakdowns, and the correction of those conditions by adjustment, repair, or replacement of worn parts before the equipment or systems fail. BMPs concerning maintenance or repair and material usage are designed to prevent or reduce the impact of contaminants on the stormwater system.

All stormwater control measures implemented at the facility must be kept in effective operating condition to minimize pollutant discharges. If a stormwater control measure needs to be repaired or replaced, all reasonable steps to prevent or minimize the discharge of pollutants must be taken immediately until the final repair or replacement is implemented. If repairs, replacements, or corrective actions are required, they should be completed within the timeframes listed in **Section 6.4 Corrective Actions and Deadlines.**

The Baseyard personnel inspects filter socks and spill kits monthly and replaces them as needed. Drip pans are inspected daily, and accumulated product or rain water are removed when necessary and properly disposed of.

4.1.4 Erosion and Sedimentation Controls

Stabilizing exposed soils at the facility minimizes erosion and pollutant discharges. Aggregate is stored outdoors and are covered with tarps anchored by weights and are contained within separate walled bins with a filter sock fronting each aggregate pile to minimize contact with stormwater.

4.1.5 Runoff Management

The following practices are implemented to divert, infiltrate, reuse, contain, or otherwise reduce stormwater runoff and minimize potential pollutants in the facilities discharge.

In Zone 1, stormwater flows west where it is directed via berm toward the automatic sampler. After it passes the automatic sampler, stormwater flows towards the outdoor material storage area before discharging to Keehi Lagoon. A filter sock is employed at DP #1 to control runoff and remove pollutants before it discharges into Keehi Lagoon.

In Zone 2, stormwater runoff flows north to DP #2 where a filter sock has been implemented to prevent gravel accumulation from the paved area from discharging directly to Keehi Lagoon. There are no industrial activities conducted within this area.

In Zone 3, stormwater runoff discharges directly to Keehi Lagoon. No runoff control measures have been implemented since no industrial activity is conducted within this area.

4.1.6 Non-Stormwater Discharges

Non-stormwater discharges generated by vehicle and equipment washing are contained within an elevated steel containment unit, where it is contained and recycled within a closed loop reverse osmosis system, and stored in holding tanks. Spent wash water is removed from the system during maintenance and is pumped out by a third-party contractor.

4.1.7 Dust Generation and Vehicle Tracking of Industrial Materials

There are no activities conducted at the Baseyard that generate dust or vehicle tracking.

4.1.8 Spill Prevention and Response

The Baseyard implements BMPs, discussed in Appendix G, to minimize the potential for leaks, spills, and other releases that may be exposed to stormwater. In addition, personnel adopted the following spill response procedures:

1) Stop work.
2) Determine the source of the release and any hazards present, notify employees in the vicinity. Throughout the response, continue to identify any risks, if any, that may affect human health, the environment, and the facility.
3) Attempt to turn off the source if it can be safely accomplished and if the spill originates from a fuel delivery truck, alert the truck operator to stop fuel delivery.
4) Contain the spill to prevent further migration using drainage diversions and controls (e.g., dikes or berms using sand, soil, or other inert materials); use granular absorbent or absorbent pads and booms, divert spills from entering adjacent state waters of the U.S.; implement retention techniques such as temporary lined pits; clean the spill with rags or absorbent material.
5) Ensure accumulated product resulting from the release is cleaned up and disposed of and that the spilled materials, affected media, and used decontamination solutions are adequately collected, containerized, and transported off-site in accordance with applicable state and federal regulations.
6) Clean stained pavement by placing a berm around the stain to contain liquids; scrub the area using biodegradable detergent or biodegradable degreasing solution, and rinse the area while ensuring all detergent and rinse water is collected in the bermed area and properly removed and disposed of.
7) Contact regulatory authorities and other response personnel and organizations listed in Table 5, as required.

If a spill poses significant harm or threat to human health, safety, or the environment and cannot be safely managed or cleaned up by facility personnel, the following procedures will be implemented:

1) Identify and shut down the discharge source to stop the flow, if safe to do so.
2) Evacuate all personnel to a safe distance upwind from the spill. Do not attempt to rescue personnel who are in immediate danger unless PPE is available. In the event of a fuel spill during fueling operations, personnel will place berms to contain the spill, if safe to do so. **DO NOT RISK YOUR SAFETY.**
3) The EC will contact the agency and contractor responsible for emergency spill response whenever needed and gather all pertinent information.
4) The EC is responsible for notifying Harbor Traffic Control Unit, who will then notify appropriate federal and state authorities.

These preventative practices have been developed to reduce the occurrence of spills, leaks, or other releases from containers, fuel tanks, and equipment. Small spills, less than the reportable quantity (less than 25 gallons for oil products), which are capable of being cleaned up within 72 hours, and that do not threaten ground or surface waters will be cleaned up using absorbent materials or other acceptable practices as soon as they are identified. Spill containment and cleanup materials are available on-site.

Any spill, leak, or release of hazardous substances or oil in an amount equal to or more than a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302, occurs within a 24-hour period, the facility will notify the HDOH CWB and HEER Office during regular office hours or Hawaii State Hospital Operator outside of regular office hours (Refer to Table 5).

TABLE 5: EMERGENCY SPILL CONTACT INFORMATION

CONTACT	PHONE NUMBER
Emergency (Medical Assistance, Fire Department, and Police Department) If it is an emergency or life-threatening situation, 911 should be called first.	911
HDOT Harbors Division Oahu District Maintenance Baseyard Construction & Maintenance Superintendent should be notified of all spills or releases that occur at the Baseyard and assists in spill response.	(808) 832-3847
Harbor Traffic Control Unit The Control Tower Harbor Traffic Control Unit should be notified of all reportable spills or releases, who will then in turn notify National Response Center, HDOH CWB, HEER Office, Harbor Police, and HAR-EE.	(808) 587-2076
HDOT Harbors Division Environmental Hotline HDOT Harbors Division Engineering Branch Environmental Section (HAR-EE) should be notified of all reportable spills or releases that occur at the Baseyard and will assist in spill notification and response when needed.	(808) 587-1962
National Response Center (NRC) **United States Coast Guard, District 14** The NRC and USCG must be notified to report any spill of oil or hazardous materials of a reportable quantity, which causes a sheen on a surface water body. The NRC will notify the appropriate Federal On-Scene Coordinator and various state agencies.	(800) 424-8802 (800) 331-6176
Local Emergency Planning Committee (LEPC) The LEPC should be notified to report any reportable quantity spill. If calling after business hours, leave a message including name, phone number, time of spill, what was spilled, and quantity of spill. For non-emergency release/spill, it can also be reported online at http://www.honolulu.gov/dem-spill-report.The EC should notify the LEPC of any reportable quantity spill. After business hours, leave a message including name, phone number, time of spill, what was spilled, and quantity of spill.	(808) 723-8960
HDOH Clean Water Branch (CWB) **Hawaii State Hospital Operator (after hours)** The CWB should be called immediately to report spill of any quantity that **reaches Keehi Lagoon**. A written notification must also be submitted no later than five (5) days after the initial discovery of a release.	(808) 586-4309 (808) 247-2191 (after hours)

CONTACT	PHONE NUMBER
HDOH HEER Office (Oahu) The HDOH HEER Office must be called to report any chemical spill of a reportable quantity. A written notification must also be submitted no later than thirty (30) days after the initial discovery of a release.	(808) 586-4249 or (808) 247-2191 (after hours)

In addition, Pacific Environmental Corporation is available for responding to a large-scale spill. Corresponding request should be routed through Oahu District.

4.1.9 Training

Training all employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities necessary to meet the conditions of this Permit is required. **Section 6.1 Employee and Contractor Training** discusses training topics and frequency.

4.2 Water Quality-Based Effluent Limitations and Water Quality Standards

The Baseyard does not produce stormwater discharges subject to effluent limitation guidelines identified in Table 6-1 of HAR 11-55, Appendix B and *turbidity* is not expected to be present in the stormwater discharge. Therefore, no additional control measures have been implemented.

5.0 STORMWATER MONITORING PLAN

5.1 Analytical Monitoring

In accordance with the provisions of HAR Chapter 11-55, Appendix A, Subsections 14 and 16 and HAR 11-55 Appendix B Parts 6 and 8, samples of stormwater runoff shall be monitored at the frequency indicated for each required analytical parameter. Stormwater runoff will be sampled from one location, Sample Point 1 (SP1) (Latitude: 21°19'10.2" N, Longitude: 157°53'30.7" W) within the first 30 minutes of a discharge associated with a measurable storm event, or as soon as practicable (Appendix A, Figure 3 *Site Drainage*). SP1 is located near DP #1 and above the high tide mark to prevent the stormwater sample from co-mingling with salt water prior to collection. During a rain event, stormwater flow from Zone 1 is directed to an automatic sampler, where it is collected and distributed into glass containers.

SP1 in Zone 1 represents the industrial activities conducted at the facility. Zone 2 and 3 discharges sheet flow and does not have any industrial activities conducted within the area.

5.1.1 Quarterly Benchmark Monitoring

Benchmark monitoring is applicable to certain sectors or subsectors to determine the overall effectiveness of control measures implemented at the facility and when additional corrective action measures are necessary to comply with the effluent limitations. The Baseyard falls under Sector Q and therefore requires benchmark monitoring to be conducted at the facility. Benchmark monitoring requires a facility to monitor at least once in each of the following three-month intervals:

- January 1 – March 31;
- April 1 – June 30;
- July 1 – September 30; and,
- October 1 – December 31.

The Baseyard will monitor benchmark parameters specified for the industrial sector(s), both primary industrial activity and any co-located industrial activity listed in Table 6. Sample results will be documented in Appendix H: Benchmark Exceedances.

TABLE 6: MONITORING PARAMETERS

Sector Specific Requirement for Industrial Activity	Parameter	Benchmark Monitoring Concentration (mg/L)
Subsector Q1: Water Transportation Facilities (4499 Water Transportation Services, Not Elsewhere Classified)	Total Aluminum	0.75
	Total Iron	1.0
	Total Lead	0.21
	Total Zinc	0.09

Note: Samples must be analyzed consistent with 40 CFR Part 136 analytical methods and using test procedures with quantitation limits at or below benchmark values and must be sufficiently sensitive as defined at 40 CFR 122.21(e)(3) and 122.44(i)(1)(iv) for all benchmark parameters that are required to sample.

If conditions prevent a facility from obtaining a stormwater sample in four consecutive quarters, the facility will continue monitoring until they have the four consecutive samples required to

calculate the benchmark monitoring average. The facility will report "no data" or "NODI" code for any quarter that was not sampled.

If the average of the four monitoring values for any parameter does not exceed the benchmark, the facility has fulfilled monitoring requirements for that parameter for the permit term.

If the average of the four monitoring values for any parameter exceeds the benchmark, the facility will review the selection, design, installation, and implementation of the control measures to determine if modifications are necessary. Quarterly monitoring will continue until the additional four quarters average does not exceed the benchmark. If no further pollutant reductions are technologically available, economically practicable, and achievable, the facility will continue to monitor once per year and document a rational for concluding that no further pollutant reductions are achievable in Appendix H.

5.1.2 Annual Effluent Limitations Monitoring

The Baseyard does not produce stormwater discharges subject to effluent limitation guidelines identified in Table 6-1 of HAR 11-55, Appendix B. Therefore, annual effluent limitations monitoring is not required.

5.1.3 Discharges to Impaired Waters Monitoring

HDOH identifies Keehi Lagoon (HIW00009) as an impaired water under 303(d) of the Clean Water Act (CWA). However, no TMDL has currently been established by HDOH and approved by EPA. Table 7 lists all pollutant(s) that are identified as impairment(s) in Keehi Lagoon. The standard analytical method listed under 40 CFR Part 136 will be used for stormwater analysis. Monitoring is required once per year at DP #1.

TABLE 7: IMPAIRED WATER MONITORING PARAMETERS

Parameter	Analytical Method
Turbidity	Refer to 40 CFR Part 136

Note: If the pollutant of concern is not detected and not expected to be present in the discharge; or it is detected but determined that its presence is caused solely by natural background sources, you may discontinue monitoring for that pollutant.

Turbidity is not expected to be present in the discharge because the entire facility is made up of an impervious surface, therefore no monitoring will be conducted for impaired waters at this time.

5.1.4 Additional Monitoring

No additional monitoring is required at this time.

5.2 Photographic Documentation of Control Measure/SWPPP Implementation

The SWPPP Team Member # 1 is responsible for stormwater monitoring and, will record and retain photographic documentation of control measures and/or pollution control measures identified in this SWPPP. Each photograph will clearly depict the presence or absence of physical control measures that are required by HAR 11-55, Appendix B. Photographs will be wide angle and representative of the facility/site conditions present at the time stormwater samples are taken and will be submitted with analytical data. If the automatic sampler is triggered outside of normal business hours, photographs of control measures will be taken as soon as practicable.

5.3 Monitoring Procedure

The following procedure should be followed when collecting a stormwater sample during a qualifying storm event in accordance with HAR Chapter 11-55, Appendix B.

5.3.1 Gather Necessary Sampling Equipment

Store all sampling items in a central location, so they are readily available when a sampling event occurs. The following is a list of required sampling materials:

- Sample cooler with sample labels, and chain of custody.
- Preservation media (example: ice/blue ice).
- Disposable nitrile gloves. Note: these should be worn when handling samples and containers.
- Field notebook and permanent marking pen. Note: it is suggested to use a weatherproof notebook.
- Personal Protective Equipment (PPE) such as rain coat, safety vest, safety glasses, steel toed boots, hart hat, etc.

5.3.2 Measurable Storm Events

Stormwater monitoring will be performed as described in, **Section 5.3.4 Sample Collection**, during measurable storm events (as defined in HAR Chapter 11-55, Appendix B) that result in an actual discharge from the facility and follows the preceding measurable storm event by at least 72 hours. The automatic sampler is equipped with an integrated rain gauge where rainfall is measured and logged. If adverse weather conditions prevent the collection of samples during a measurable storm event, a sample will be taken during the next qualifying storm event.

5.3.3 Commingled Discharges

If discharges authorized by the NGPC and HAR Chapter 11-55, Appendix B comingle with discharges that are not authorized, any required sampling of the authorized discharges must be performed at a point before they mix with other waste streams to the extent practicable

5.3.4 Sample Collection

The automatic sampler at the Baseyard has reusable bottles dedicated to the sampling site to prevent cross-contamination. Designated sampling personnel shall coordinate with the laboratory to ensure the automatic sampler bottles are decontaminated following the laboratory's internal Quality Assurance/Quality Control (QA/QC) procedures for equipment cleaning.

The automatic sampler is configured to send text message alerts to designated personnel at the start of sample collection and to only sample during a measurable storm event (as defined in HAR Chapter 11-55, Appendix B). Rainfall will be measured and logged by the integrated rain gauge at the automatic sampler, an area-velocity sensor will record the flow rate, and a pH probe sensor will record pH value when needed.

The automatic sampler will collect a sample for all parameters listed in Tables 6 and 7 within the first 30 minutes of the storm event.

Note: *If a rain event is anticipated outside business hours, the SWPPP Team will add ice to the automatic sampler in order to preserve the stormwater samples, until they can be obtained and provided to the laboratory.*

5.3.5 Record Final Observations and Label Samples

All observations of stormwater samples will be documented on the *Estimated Flow Rate Calculations and Field Parameters* form (Appendix I). Additionally, documentation will include photographic evidence of control measures and SWPPP implementation as discussed in **Section 5.2 Photographic Documentation of Control Measure/SWPPP Implementation.**

All sample bottles will be labeled. An example label is provided below:

Sample Label

Date: 1/1/2022	Time: 0900	Sampler: J. Smith
Sampling Site: Outfall 001		
Test Required: See COC		
Sample Type: ☐ Grab ☐ Composite ☐ Other _____		

5.3.6 Fill Out Chain of Custody (COC)

A COC is the document that must accompany any sample that is sent to a laboratory for analysis. The COC is a way to ensure the integrity of the samples from the time they are collected until they reach the laboratory for analysis. Therefore, the COC must be signed by each individual handling the samples.

5.3.7 Deliver Samples to Laboratory

Each sample collected must be preserved in the sample cooler immediately, and until it is received by the laboratory. Samples will only be collected Monday through Thursday (not days before holidays and weekends) because contract laboratories may be closed on weekends and holidays. The testing laboratory shall be qualified to perform the EPA approved methods. The laboratory shall provide appropriate QA/QC documentation with the analytical results.

6.0 PROCEDURES FOR IMPLEMENTATION

Procedures for SWPPP implementation include the protocol for inspections and completion of documentation.

6.1 Employee and Contractor Training

HAR-EE, their consultant(s), or appointed qualified personnel is responsible for providing the annual training to the Baseyard personnel. Training programs are to inform personnel, including contractors, the permit requirements and their responsibility to implement work practices that are necessary to meet the conditions of the permit. Table 8 summarizes the required training topics and personnel. All training will be documented in Appendix F, *SWPPP Training Roster*.

TABLE 8: SUMMARY OF EMPLOYEE TRAINING PROGRAM

Training Topic	Trainee	Responsibility	Frequency
Overview of the Site Specific SWPPP	Personnel responsible for the design, installation, maintenance, and/or repair of controls (including pollution prevention measures). Personnel responsible for the storage and handling of chemicals and materials. Personnel responsible for conducting and documenting monitoring and inspections. Personnel responsible for taking and documenting corrective actions.	SWPPP Team Member #1	Annual
Spill Response Procedures			
Control Measures and BMPs *(Including location and how they are maintained)*			
Pollution Prevention Requirements			
Site Inspections *(When and how to conduct inspections, record applicable findings, and corrective actions)*			
Sector Specific Activities			

6.2 Routine Facility Inspections

The HAR-EE, their consultants, or appointed qualified personnel as defined in HAR Chapter 11-55, Appendix B is responsible for conducting quarterly inspections during normal operating hours. The inspection will include areas of the facility covered by the permit, including but not limited to:

- Areas where industrial materials or activities are exposed to stormwater;
- Areas identified in the SWPPP and those that are potential pollutant sources;
- Areas where spills and leaks have occurred in the past three years;

- Discharge points; and,
- Control measures used to comply with effluent limits.

Table 9 indicates the schedule for quarterly inspections.

TABLE 9: ROUTINE INSPECTION SCHEDULE

Quarter	Timeframe
Quarter 1 Inspection	January 1 – March 31
Quarter 2 Inspection	April 1 – June 30
Quarter 3 Inspection	July 1 – September 30
Quarter 4 Inspection	August 1 – December 31

Once per calendar year, the routine inspection will be conducted during a stormwater discharge to observe discharge point(s) and ensure control measures are functioning correctly.

Inspections will be documented using the *Routine Facility Inspection Checklist & Quarterly Visual Assessment Checklist* (Appendix C), and all findings will be summarized and submitted in the Annual Report. Documentation required by the NGPC shall be kept on-site for a minimum of three years from the date the permit expires or is terminated and be made available to the HDOH CWB upon request.

6.3 Quarterly Visual Assessment

At least, once per quarter, for the entire permit term, a stormwater sample will be collected for a visual assessment by a member of the SWPPP team identified in **Section 1.2 SWPPP Team** at sample point SP1, located in Zone 1 when condition allows. The sample will be a representative of the stormwater discharge from all industrial activity conducted at the facility, since Zones 2 and 3 have no industrial activity conducted within those areas. Stormwater monitoring will be performed as defined in, **Section 5.3.4 Sample Collection**, during measurable storm events (as defined in HAR Chapter 11-55, Appendix B) and will be collected in a clean, colorless container which will be examined in a well-lit area.

The following is a list of required sampling materials:

- One clean, colorless container (one for each outfall/discharge point);
- Disposable nitrile gloves;
- Field notebook and permanent marking pen;
- Camera; and,
- PPE such as rain jacket, steel toed boots, etc.

Document the visual assessment in the *Routine Facility Inspection & Quarterly Visual Assessment Checklist* (Appendix C). Documentation required by the NGPC shall be kept on-site for a minimum of three years from the date the permit expires or is terminated and be made available to the HDOH upon request. Perform corrective actions whenever the visual assessment shows evidence of stormwater pollution.

Note: *Quarterly Visual Assessment stormwater samples are not required to be collected consistent with 40 CFR 136 procedures, but must be representative of the stormwater discharge.*

If it is not possible to collect the sample within the first 30 minutes of discharge, collect the sample as soon as practicable, and document why it was infeasible to take the sample within the required timeframe.

6.3.1 Exemptions to Quarterly Visual Assessments

In the event adverse weather conditions prevent the collection of samples during the quarter, a substitute sample will be taken during the next qualifying rain event. Documentation (Appendix J) will be included in the SWPPP with a rationale for having no visual assessment for the quarter.

6.4 Corrective Actions and Deadlines

If corrective actions are required, Baseyard personnel will immediately take steps necessary to minimize or prevent the discharge of pollutants until a permanent solution is established and/or made operational. This includes, cleaning up any contaminated surfaces to ensure the material will not discharge in subsequent rain events.

Note: *"Corrective Action" for the purposes of HAR Chapter 11-55, Appendix B, is any action taken, or required to be taken to 1) repair, modify, or replace any stormwater control used at the site; 2) cleanup and dispose of spills, releases, or other deposits found on the site; and 3) remedy a permit violation.*

"Immediately" requires a facility to take all reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational on the same day it was identified. If the problem was identified at a time in the work day where it is too late to take action, initiation must begin no later than the following work day.

"All reasonable steps" is defined as any initial actions to assess and address the condition causing the corrective action, including, cleaning up exposed materials that may be discharged in a storm event or making arrangements for a new BMP to be installed at a later date.

Actions should be completed as soon as feasible, but no later than 14 calendar days. If 14 calendar days is infeasible; document why it is infeasible and complete as soon as practicable, but no later than 45 days after discovery and maintain supporting documentation in the SWPPP. If repair or replacement exceeds 45 days, take the minimum additional time necessary to complete the corrective action, provided that HDOH is notified of the intention to exceed 45 days, provide rationale for an extension, and a completion date, which will be included in the corrective action documentation.

If corrective actions modify any controls or procedures documented in the SWPPP, update the SWPPP accordingly within 14 calendar days of completing corrective actions.

If additional actions are necessary or deficiencies continue to be documented as an issue, refer to Part 4.3.2 of HAR Chapter 11-55, Appendix B for escalating action requirements. All corrective actions will be documented in the *Corrective Action Documentation* form (Appendix K) and the SWPPP will be updated as necessary.

6.4.1 Corrective Action Documentation

Document any deficiencies or conditions within 24-hours of becoming aware of the condition. Include information listed in the *Corrective Action Documentation* form (Appendix K). Summarize findings in the annual report.

6.5 SWPPP Review and Revision

6.5.1 Meeting Effluent Limitations

Review and revise the SWPPP, as appropriate, when any of the following conditions occur, or are detected during an inspection, monitoring, or other means:

- An unauthorized release or discharge (e.g., spill, leak, or discharge of non-stormwater not authorized by this or another NPDES permit) to a state water occurs;
- A discharge violates a numeric effluent limit in Table 6;
- Control measures implemented at the facility are not stringent enough for the discharge to meet applicable water quality standards or the non-numeric effluent limits in this permit;
- A required control measure was never installed, was installed incorrectly, or not in accordance with Part 2 and/or 8 of HAR Chapter 11-55, Appendix B, or is not being properly operated or maintained; and,
- Whenever a visual assessment shows evidence of stormwater pollution (e.g., color, odor, floating solids, settled solids, suspended solids, foam).

6.5.2 SWPPP Modification

Review the SWPPP to determine if modifications are necessary if the following conditions occur:

- Construction or a change in design, operation, or maintenance occurs at the facility that significantly changes the nature of the pollutants discharged in stormwater from the facility, or significantly increases the quantity of pollutants discharged;
- The average of four quarterly sampling results exceeds an applicable benchmark or less than four benchmark samples have been taken, but the results show an exceedance.
- Direction by HDOH that the SWPPP fails to adequately address potential pollutant sources identified.

Note: *A benchmark exceedance does not trigger a corrective action if determined that the exceedance is solely attributable to natural background sources or make a finding that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practices.*

When run-on causes a benchmark exceedance, in addition to reviewing and revising, as appropriate, the SWPPP notify the other operators contributing to the run-on to the discharges to abate their pollutant contribution. Where the other operators fail to take action to address the stormwater run-on, contact the HDOH.

7.0 REPORTING AND RECORDKEEPING REQUIREMENTS

All reports, notifications, and updates to information shall be submitted to HDOH CWB through the *CWB Compliance Submittal Form for Individual NPDES Permits and NGPCs*. This form is accessible through the e-Permitting Portal website at: https://eha-cloud.doh.hawaii.gov/epermit/. Follow the instructions to complete and submit the form. All submissions will include a CD or DVD containing the downloaded e-Permitting submission and Transmittal Requirements and Certification Statement for e-Permitting NPDES/NGPC Compliance Submissions Form, with wet ink signatures and dates.

Note: *The Electronic Signature Subscriber Agreement Form found on HDOH's e-Permitting website allows a facility to electronically sign online submissions.*

The CD or DVD and Transmittal Requirements and Certification Statement with original signatures and dates will be submitted to:

State of Hawaii
Clean Water Branch
2827 Waimano Home Road, Room 225
Pearl City, HI 96782

All submittals will include the Baseyard's **NGPC Permit No. HI R80G760** and the following certification statement in the cover letter:

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

The Baseyard must retain copies of the SWPPP, additional documentation, all reports and certifications, monitoring data, and records of all data used to complete the NOI for at least three years from the date that coverage under this permit expires or is terminated.

7.1 Reporting Monitoring Data to HDOH CWB

A Discharge Monitoring Report (DMR) allows direct comparison with the effluent limitations and requirements of the NGPC and HAR Chapter 11-55, Appendix B. The Baseyard is required to submit the results of sampling events to HDOH CWB using a DMR no later than the 28th day following the month when the samples were collected (Appendix L). In addition to the DMR, the laboratory reporting sheets for the sample with associated QA/QC data and the *Estimated Flow Rate Calculations and Field Parameters* (Appendix I) will be included in the submittal.

Report "no data" or "NODI" code for outfalls that did not discharge within the reporting period no later than 30 days after the end of the reporting period.

If samples are collected during multiple storm events in a single quarter, the Baseyard is required to submit all sampling results for each storm event to HDOH within 30 days of receiving all laboratory results from the event.

7.2 Reporting Exceedance for Numeric Effluent Limitations

The Baseyard does not produce stormwater discharges subject to effluent limitation guidelines identified in Table 6-1 of HAR 11-55, Appendix B. Therefore, annual effluent limitations monitoring is not required.

7.3 Additional Reporting Requirements

The Baseyard is required to submit the following reports to HDOH CWB.

- Immediately orally report any non-compliance which may endanger health, or the environment within 24-hours facility personnel becomes aware of the circumstances;
- Provide a written submission within five days of the oral report to HDOH CWB;
- Notify HDOH CWB as soon as facility personnel become aware of a leak, spill, or other release containing hazardous substance or oil in an amount equal to or in excess of a reportable quantity;
- Notify HDOH no less than 30 days prior to making any planned physical alterations or additions to the permitted facility that qualify the facility as a new source or that could significantly change the nature or significantly increase the quantity of pollutants discharged;
- Notify HDOH CWB of any planned changes in the permitted facility or activity which facility personnel anticipates will result in noncompliance with permit requirements;
- Reports of compliance or noncompliance with, or any progress reports on interim and final requirements contained in any compliance schedule of this permit must be submitted no later than 14 days following each schedule date;
- Report all instances of noncompliance not reported in the monitoring report, compliance schedule report, or 24-hour report at the time monitoring reports are submitted; and,
- Submit facts or information if facility personnel become aware that they failed to submit relevant facts in the NOI or that they submitted incorrect information in the NOI or any report.

7.4 Annual Report

The Baseyard is required to submit an Annual Report to HDOH CWB electronically by January 30th each year of permit coverage. The Annual Report will include information generated from the past calendar year, including but not limited to the following:

- Summary of the previous year's routine facility inspection documentation;
- Summary of the previous year's quarterly visual assessment documentation;
- Four-sample average benchmark monitoring exceedance, if applicable;
- Summary of past year's corrective action documentation. If corrective action is not yet complete at the time of submission of the annual report, describe the status of any outstanding corrective action (s); and,
- Summary of noncompliance within the past year or currently ongoing. If none, provide a statement that the Baseyard is in compliance with the permit.

- In addition, the Annual Report must include a statement, and be signed and certified in accordance with HAR Chapter 11-55, Appendix A, Subsection 15.

8.0 REFERENCES

- Mink, John F. and Stephen L. Lau. February 1990. Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy for Hawaii.
- State of Hawaii, Department of Health. December 2022. *Hawaii Administrative Rules, Chapters 11- 54.*
- State of Hawaii, Department of Health. December 2022. Hawaii Administrative Rules, Chapters 11- 55 Appendix B.
- State of Hawaii, Department of Transportation, October 2020, *Storm Water Pollution Control Plan*.
- U.S. Department of Interior Geological Survey. 1999. *Pearl Harbor Quadrangle, 7.5 Minute Series* (Topographic Map).

Appendix A

Figures

Appendix A, Figure 1 Location Map

Stormwater Pollution Prevention Plan

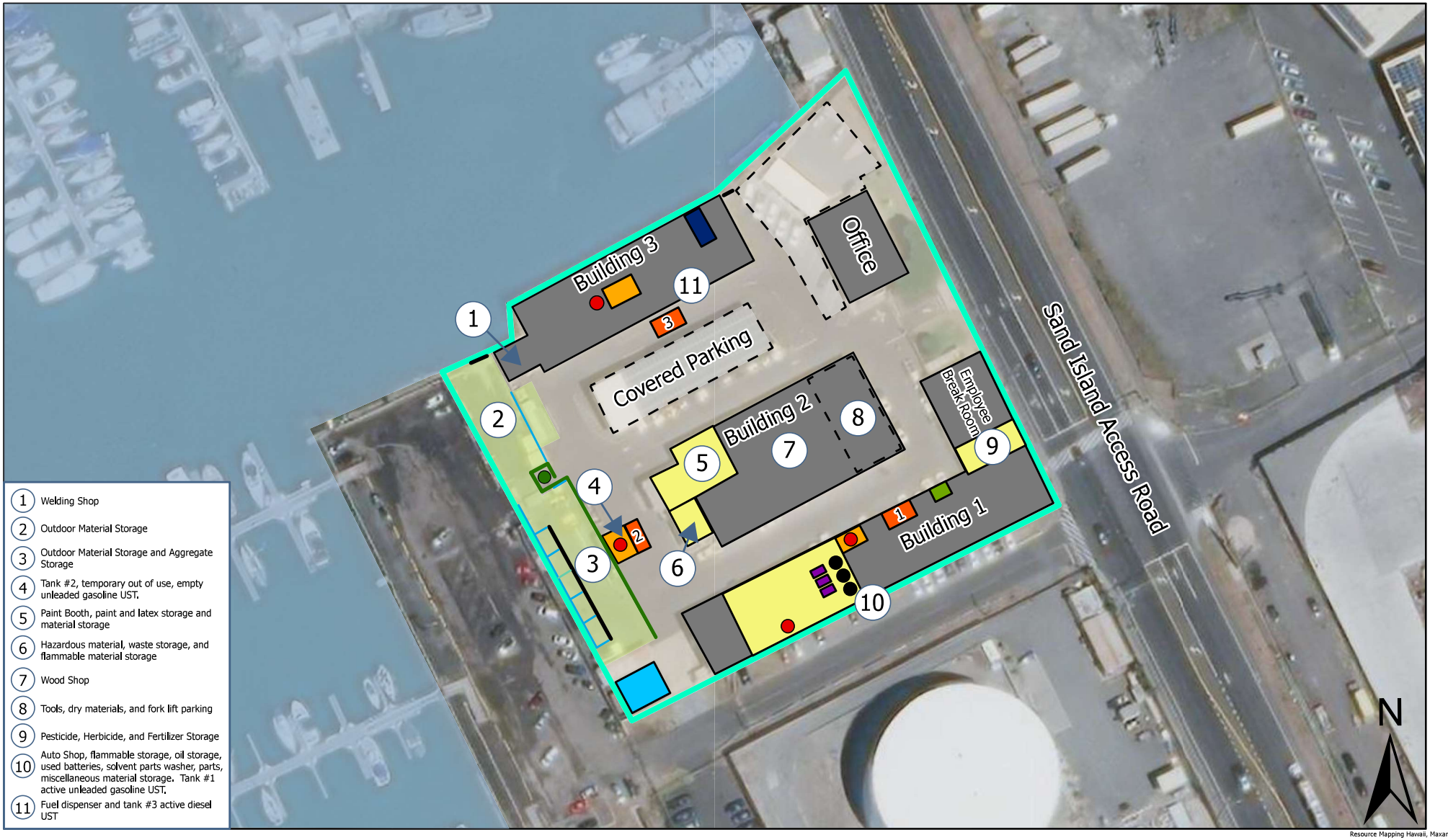
HDOT Harbors Oahu District Baseyard
48 Sand Island Access Road
Honolulu, HI 96819-2221
TMK: 1-2-25: 22

Esri, NASA, NGA, USGS, FEMA, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, USDA

Legend

Site Location

enviro SERVICES & TRAINING CENTER, LLC



Appendix A, Figure 2 Site Map

Stormwater Pollution Prevention Plan

HDOT Harbors Oahu District Baseyard
48 Sand Island Access Road
Honolulu, HI 96819-2221
TMK: 1-2-25: 22

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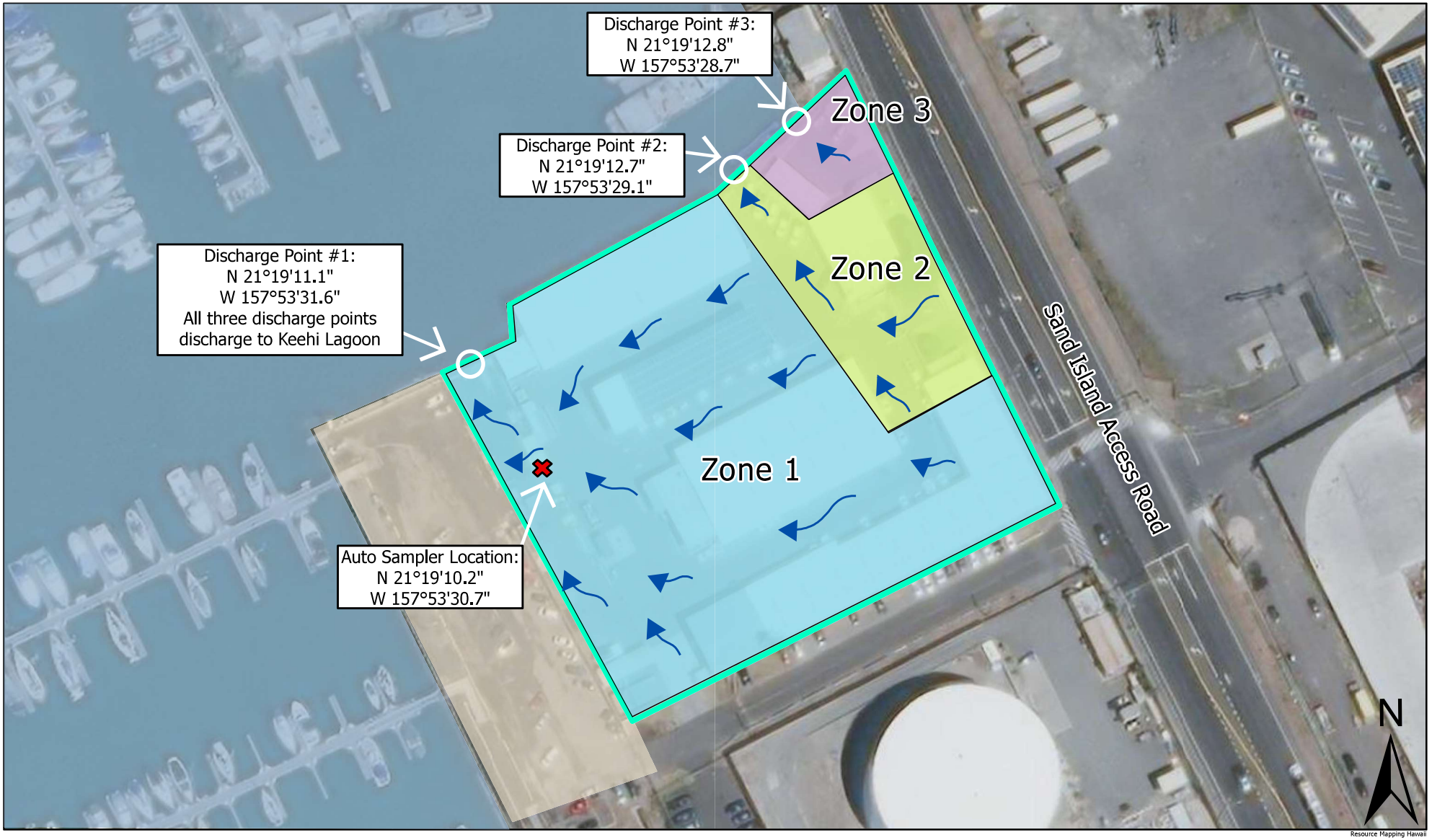
- Facility Boundary
- Paved Surface
- Buildings
- Keehi Lagoon (Impaired)
- Parking
- Indoor Material Storage Area
- Outdoor Material Storage Area
- Fuel Dispenser
- Spill Kit
- Automatic Sample Point
- Tire Storage
- Universal Waste Storage
- Wash Rack
- Underground Storage Tank
- Oil Storage
- Waste Disposal

0 62.5 125 250 Feet

- Filter Socks
- Berm
- Wall



Appendix A, Figure 3 Site Drainage

Stormwater Pollution Prevention Plan

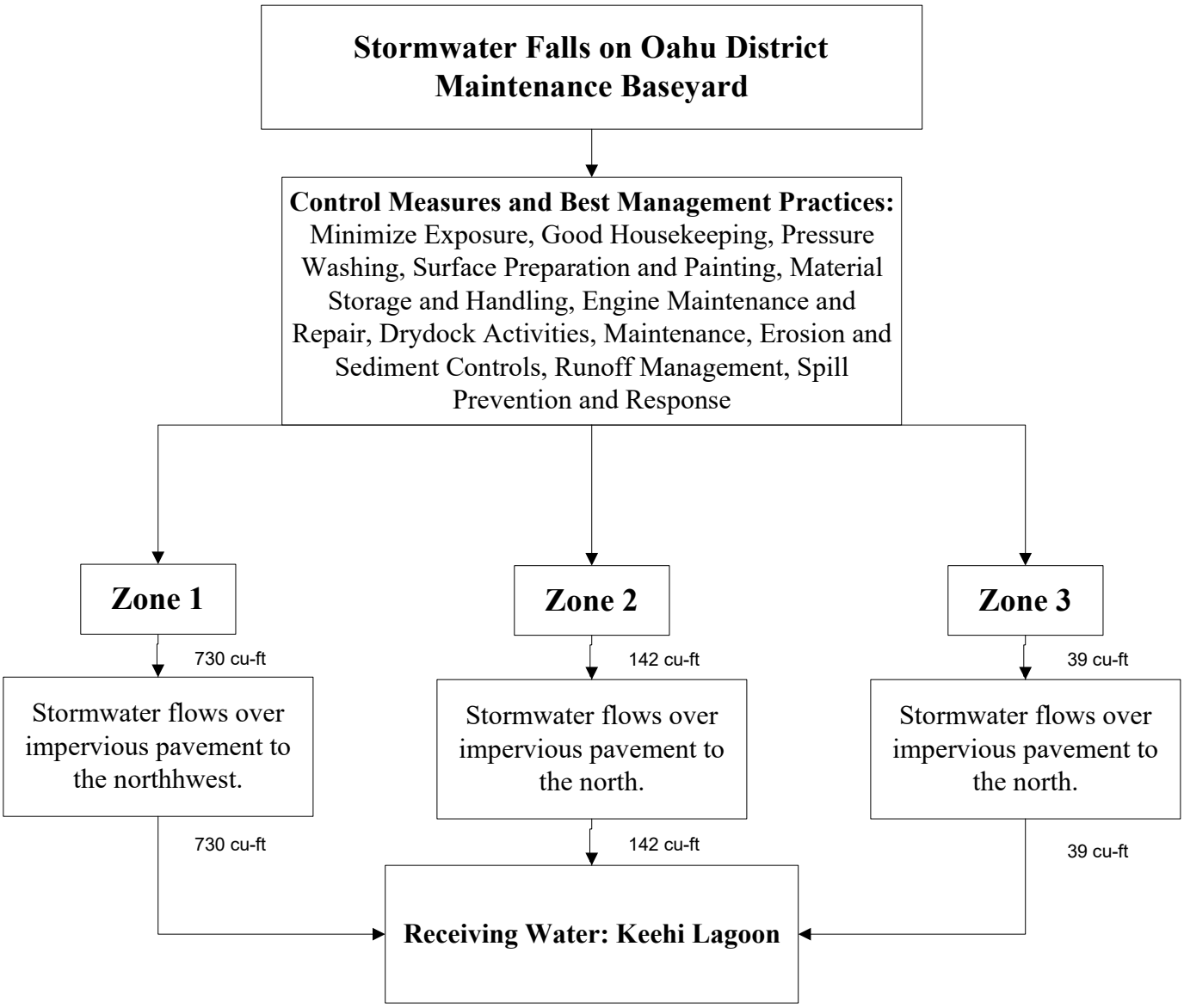
HDOT Harbors Oahu District Baseyard
48 Sand Island Access Road
Honolulu, HI 96819-2221
TMK: 1-2-25: 22

Legend

- Property Boundary
- Paved Surface
- Keehi Lagoon (Impaired)
- Flow Direction

0 62.5 125 250 Feet

enviro SERVICES & TRAINING CENTER, LLC



Flow calculation based on 0.1 inch rainfall with 100% impervious surface

Figure 4: Stormwater Runoff Flow Chart
Stormwater Pollution Prevention Plan
Oahu District Maintenance Baseyard
48 Sand Island Access Road
Honolulu, Hawaii 96819

ETC Job No. 20-6002

June 2022

enviro SERVICES & TRAINING CENTER, LLC

Appendix B

NOI and NGPC

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CWB NOI Form

version 1.14

(Submission #: HPG-TGMR-WPZYW, version 1)

Details

Submission Alias	CWB NOI Form - Oahu District Maintenance Baseyard (Appendix B)
Submitted	6/17/2022 (0 days ago) by EnviroServices & Training Center LLC
Submission ID	HPG-TGMR-WPZYW
Submission Reason	Renewal
Status	Submitted
Active Steps	Assign To

Form Input

NPDES General Permit Requirements

Select the general permit you are requesting coverage under.
Appendix B - Storm Water Associated with Industrial Activities

Notice of Intent (NOI) General Requirements
By submitting this NOI application, you are certifying the following statements:

- I read HAR, Chapters 11-54 and 11-55;
- I understand that State law prohibits any water pollutant to be discharged to a State water except in compliance with HAR, Chapters 11-54 and 11-55;
- I understand that the NPDES General Permits are a privilege and not my right or entitlement;
- I understand that the NPDES General Permits are rules, not permits to be issued;
- I understand that the NPDES General Permits only authorize a specific discharge/activity when I comply with all conditions of the NPDES General Permit;
- I have read every condition of the NPDES General Permit I am requesting coverage under;
- I have determined that my project/activity and organization can, and will, comply with every condition of the applicable NPDES General Permit, and any and all legal obligations;
- I understand that I may only submit the NOI after determining that my project/activity and organization can, and will, comply with every condition of the applicable NPDES General Permit;
- I understand that if I cannot comply with any condition of the NPDES General Permit I need to either fix my organization so that I can comply or I cannot discharge water pollutants to State waters;
- I understand that the Notice of General Permit Coverage (NGPC) is not a permit; it is an authorization to comply with the already issued NPDES General Permit;
- I will design, implement, operate, and maintain appropriate treatment/controls to ensure that my activity/discharge will not violate HAR, Chapters 11-54 and 11-55;
- I have reported any "after the fact" discharges to the CWB enforcement section; and
- The information provided in this application does not include "after the fact" discharges/activities.

I certify under penalty of law that my proposed discharge will not impair any State waters (including but not limited to rivers, streams, wetlands, ponds, ground waters, and ocean), Native Hawaiian cultural resources (including but not limited to burial sites/iwi, heiau, and taro loi), or the exercise of traditional Native Hawaiian cultural practices.
Yes, I certify.

Is this an NOI to continue coverage under a newly re-adopted general permit? This means that you either have a currently effective or administratively extended NGPC under the previous general permit.
Yes

Provide your NGPC file number.
HIR80C781

Is this NOI to continue coverage under the new 2022 Appendix B or K?
Yes

Please be sure that you have selected the payment option: "NOI for Administratively Extended Appendix B or K NGPC" in the Processing Info section.

Provide a copy of your Administrative Extension letter.
NGPC Admin Ext 2018.pdf - 05/19/2022 10:05 AM
Comment
NONE PROVIDED

Is this an NOI for a currently issued NGPC, that due to changes in the project/facility, you are required to obtain a new NGPC? Examples of changes include additions of discharge points or disturbance area(s). Please note that a new NGPC must be issued prior to the project commencing the new activities that were not covered under the currently issued NGPC.
No

Permittee Information

Operator Applying to Obtain Permit Coverage on Behalf of Owner
Operators may apply for and receive NPDES permit coverage on behalf of the Owner provided that authorization is granted by the Owner.

If an Operator specifies that they are applying to obtain NPDES permit coverage on behalf of the Owner, the permit will be issued to the Operator and will be the legal entity that the permit coverage is issued to.

Do NOT specify that the Operator is applying on behalf of the Owner if the Operator is only preparing the NOI for the Owner and WILL NOT be designated as the Permittee.

This option is to allow for Operators to be designated as the Permittee for projects that are owned by a different entity.

Is the Permittee the operator of the project or activity applying on behalf of the project or activity owner?
No

Select the Permittee Organization Type
State

Permittee Legal Name
State of Hawaii

Permittee Department/Office
Department of Transportation

Permittee Division/Program (Optional)
Harbors Division

Permittee Mailing Address
869 Punchbowl Street
Honolulu, HI 96813

Permittee Street Address
869 Punchbowl Street
Honolulu, HI 96813

Select the appropriate signatory type and confirm that the Certifying Person meets the requirements for the corresponding type. The Certifying Person has to meet the applicable requirement and be employed by the Permittee.
State Agency

State Agency
I certify that for a state agency, I am a principal executive officer or ranking elected official.

Certifying Person Salutation
Mr.

Certifying Person Information

First Name	Last Name
Jade	*Butay*

Title
Director of Transportation

Phone Type	Number	Extension
Business	808-587-2150	

Certifying Person Email
Jade.Butay@hawaii.gov

Permittee Contact Salutation
Mr.

Permittee Contact Information

First Name	Last Name
Niko	*Salvador*

Title
Engineering Program Manager

Phone Type	Number	Extension
Business	808-587-1862	

Permittee Contact Email
Niko.G.Salvador@hawaii.gov

Do you wish to designate an authorized representative?
No

Facility/Project Information

Facility/Project Type of Ownership
State

Facility Organization Formal Name
Hawaii Department of Transportation, Harbors Division, Oahu District Maintenance Baseyard

Facility Site or Project Name
Oahu District Maintenance Baseyard

City where the project/facility is located.
Honolulu

Island where the project/facility is located.
Oahu

Facility/Project Mailing Address

48 Sand Island Access Road
Honolulu, HI 96819

Provide the Facility/Project site address. If no formal street address exists (e.g., for projects constructing new developments with no currently existing roads) enter a location description instead. You must still enter a City, State, and ZIP Code.

48 Sand Island Access Road
Honolulu, HI 96819

TMK Nos.

Division (e.g., 1)	Zone (e.g., 9)	Section (e.g., 7)	Plat (e.g., 025)	Portion, Parcel, or Lot (e.g., Lots 1-10, 15, & 20)
1	2	025	022	NONE PROVIDED

Facility/Project Site Front Gate Location Coordinates or Start of Linear Construction Location Coordinates
21.31981992980835,-157.89107209457444

Facility/Project Contact Affiliation
Operator

Facility/Project Contact Salutation
Mr.

Facility/Project Contact Person Information

First Name **Last Name**
Cyrus *Pattermann*

Title
Construction & Maintenance Superintendent

Organization Name
Oahu District Maintenance Baseyard

Phone Type	Number	Extension
Business	808-832-3847	

Facility/Project Contact Person Email
cyrus.s.pattermann@hawaii.gov

Standard Industrial Classification (SIC) and North American Industry Classification System (NAICS) Codes
Provide your primary SIC and NAICS code associated with your facility and any co-located activities. The primary SIC and NAICS code are the codes that best describe the primary economic activity at the facility. For co-located activities covered by multiple SIC codes, it is recommended that the primary industrial determination be based on the value of receipts or revenues or, if such information is not available for a particular facility, the number of employees or production rate for each process may be compared. The operation that generates the most revenue or employs the most personnel is the operation in which the facility is primarily engaged. In situations where the vast majority of on-site activity falls within one SIC code, that activity may be the primary industrial activity.

Sector and subsector information are only applicable for industrial storm water coverages.

For construction activities, the SIC code(s) are those that most accurately describe the activities of the Permittee.

SIC Codes
SIC Codes may be found at the link below.
SIC Codes

NAICS Codes
NAICS Codes may be found at the link below. Click on Concordances to access the SIC to NAICS code spreadsheets.
NAICS Codes

Industrial Storm Water Sectors and Subsectors
For coverages under HAR Chapter 11-55 Appendix B, you must also specify the applicable sector and subsector for your SIC codes. Sectors and subsectors and their applicable SIC codes can be found in HAR Chapter 11-55 Appendix B Part 9.

Primary SIC and NAICS Code

Primary SIC Code	Corresponding NAICS Code	Sector	Subsector
4491	488310	Sector Q - Water Transportation	Q1

Are there any additional SIC and NAICS codes?
No

Existing or Pending Permits, Licenses or Approvals
Provide the permit number for any applicable Federal, State, or County permits, licenses, or approvals for the project.

Other permits, licenses and approvals include but are not limited to:

- NPDES Individual Permit
- NPDES NGPC
- Section 401 WQC
- Individual Wastewater System Approval
- Recycled Water Reuse Permit
- Hazardous Waste Permit
- Solid Waste Management Permit
- Underground Storage Tank Permit
- Underground Injection Control Permit
- Agricultural Burning Permit
- Air Pollution Control Permit
- Department of the Army Permit (Section 404)

Note: If your project requires work in, above, under or adjacent to State waters, please contact the Army Corps of Engineers (USACE) Regulatory Branch at (808) 438-9258 regarding their permitting requirements.

Are there any other existing or pending NPDES permits/NGPCs associated with this project/facility?
No

Are there any other existing or pending (non-NPDES) permits, licenses or approvals associated with this project/facility?
Yes

Permits, Licenses, or Approvals

Permit, License, or Approval	Status	File Number (or Other Identifier) if Applicable
Underground Storage Tank Permit	Issued	P-2016-295-R1

Is the facility on the Superfund Amendments and Reauthorization Act (SARA)313 list?
No

Topographic Map(s)
Attach a topographic map or maps to this submission of the area extending at least one mile beyond the property boundaries of the site which clearly show the following:

1. Island on which the project/facility is located;

2. Legal boundaries of the site;

3. Location and an identification number for each of the site's existing and proposed intake and discharge structures; and

4. Receiving state water(s) and receiving storm water drainage system(s) identified and labeled. If the receiving state water is a wetland, submit a map showing the delineated wetland.

Specify the names of the map(s) that identify these items below.

Topographic Maps
A. Figure 1 Location Map.pdf - 06/08/2022 03:20 PM
A. Figure 2 Site Map.pdf - 06/08/2022 03:21 PM
A. Figure 3 Site Drainage.pdf - 06/08/2022 03:21 PM
Comment
NONE PROVIDED

Required Maps

Required Map	Submitted Map(s) Name(s)
Island on Which the Project/Facility is Located	A. Figure 1 Location Map
Legal Boundaries of the Site	A. Figure 2 Site Map
Location and an Identification Number for Each of the Site's Existing and Proposed Intake and Discharge Structures (i.e., discharge points/outfalls)	A. Figure 3 Site Drainage
Receiving State Water(s) and Receiving Storm Water Drainage System(s) Identified and Labeled and Wetland Delineations	A. Figure 2 Site Map and A. Figure 3 Site Drainage

Permitted Feature(s) Information (1 of 3)

Permitted Feature Type
External Outfall

Receiving State Waters Name for Permitted Feature
Keehi Lagoon (HIW00009)

Watershed Name for Permitted Feature
Kalihi

Receiving State Water Classification
Class A, Embayment

Receiving Water Type
Embayment

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)
DP#1

Permitted Feature Location
21.319702583672676,-157.8919838133396

Is the receiving State water on the Section 303(d) List?
Yes

Provide the impairment pollutant(s).
Enterococci

Has a DOH established and EPA approved TMDL been completed for the impaired waterbody?
No

Permitted Feature(s) Information (2 of 3)

Permitted Feature Type
External Outfall

Receiving State Waters Name for Permitted Feature
Keehi Lagoon (HIW00009)

Watershed Name for Permitted Feature
Kalihi

Receiving State Water Classification
Class A, Embayment

Receiving Water Type
Embayment

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)
DP#2

Permitted Feature Location
21.32006036351536,-157.89144133656634

Is the receiving State water on the Section 303(d) List?
Yes

Provide the impairment pollutant(s).
Enterococci

Has a DOH established and EPA approved TMDL been completed for the impaired waterbody?
No

Permitted Feature(s) Information (3 of 3)

Permitted Feature Type
External Outfall

Receiving State Waters Name for Permitted Feature
Keehi Lagoon (HIW00009)

Watershed Name for Permitted Feature
Kalihi

Receiving State Water Classification
Class A, Embayment

Receiving Water Type
Embayment

Permitted Feature Identifier (Name, e.g., 001, 002, 003, etc.)
DP#3

Permitted Feature Location
21.320158421542242,-157.89133136599673

Is the receiving State water on the Section 303(d) List?
Yes

Provide the impairment pollutant(s).
Enterococci

Has a DOH established and EPA approved TMDL been completed for the impaired waterbody?
No

Receiving Drainage System(s) Information (1 of 1)

Does the discharge enter a STORMWATER DRAINAGE SYSTEM before discharging into the receiving State Waters?
No

NOI Form B

Acknowledgement
By submitting this NOI, you acknowledge the following:

The MSGP (HAR 11-55 Appendix B) only authorizes the allowable storm water discharges in Part 1.1.2 and the allowable non-storm water discharges listed in Part 1.1.3. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, State, or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Storm Water Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable storm water and non-storm water discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must be covered under another NPDES permit.

Is the facility a new discharger or new source as defined in Part 1.1.4.7 of HAR 11-55 Appendix B?
No

Provide the storm water runoff quantity from the facility estimated assuming a representative rainfall event (0.1 inch). Specify either gallons per minute or cubic feet per second.

Storm Water Quantity	Units
730	cubic feet per second

Is the facility subject to any Effluent Limitation Guidelines as identified in Table 1-1 of HAR 11-55 Appendix B?
No

Are any outfalls at the facility substantially identical? Substantially identical outfalls are those outfalls that discharge substantially identical effluents.
No

Does the facility discharge to a freshwater and is subject to benchmark monitoring requirements for hardness dependent metal pollutants?
No

SWPPP Preparation Requirements
By submitting this NOI, the Permittee certifies that a SWPPP that meets the requirements in HAR 11-55 Appendix B has been prepared prior to submission of this NOI. Submittal of an NOI prior to preparation of a SWPPP is a violation of HAR 11-55 Appendix B.

SWPPP Contact Salutation
Mr.

SWPPP Contact Information

First Name	Last Name
Niko	*Salvador*

Title
Engineering Program Manager

Organization Name
Department of Transportation, Harbors Division

Phone Type	Number	Extension
Business	808-587-1862	

SWPPP Contact Email
Niko.G.Salvador@hawaii.gov

SWPPP Availability
HAR 11-55 Appendix B requires that the SWPPP or certain information from the SWPPP be available either publicly online or provided in this NOI. Select one of the options below and provide the required information.

Please note that any Confidential Business Information (CBI) or restricted information as defined in Part 5.4.2 of HAR 11-55 Appendix B is not required to be publicly accessible. You must clearly identify those portions of the SWPPP that are being withheld from public access.

SWPPP Availability Options
The SWPPP shall be made available to the public online. A web address url where the SWPPP can be accessed shall be provided in this NOI.

Web Address URL
https://hidot.hawaii.gov/harbors/library/storm-water-management/

Additional Information

Additional Information
REV_20220614_Oahu District Main Baseyard_HAR-EE.0000487.22_NPDES and NOI-B (part 3) - signed.pdf - 06/17/2022 06:57 AM
REV_20220614_Oahu District Main Baseyard_HAR-EE.0000487.22_NPDES and NOI-B - audit.pdf - 06/17/2022 06:57 AM
Comment
NONE PROVIDED

Payment Information

How are you planning to pay the filing fee for this submission?
Bill for Collection (State agencies only)

Note
By selecting this option, you certify that you are a State agency, and that you are requesting a Bill for Collection.

Attachments

Date	Attachment Name	Context	Confidential?	User
6/17/2022 7:14 AM	CertificationForm.pdf	Unknown	No	EnviroServices LLC
6/17/2022 6:57 AM	REV_20220614_Oahu District Main Baseyard_HAR-EE.0000487.22_NPDES and NOI-B - audit.pdf	Attachment	No	EnviroServices LLC
6/17/2022 6:57 AM	REV_20220614_Oahu District Main Baseyard_HAR-EE.0000487.22_NPDES and NOI-B (part 3) - signed.pdf	Attachment	No	EnviroServices LLC
6/8/2022 3:21 PM	A. Figure 3 Site Drainage.pdf	Attachment	No	EnviroServices LLC
6/8/2022 3:21 PM	A. Figure 2 Site Map.pdf	Attachment	No	EnviroServices LLC
6/8/2022 3:20 PM	A. Figure 1 Location Map.pdf	Attachment	No	EnviroServices LLC
5/19/2022 10:05 AM	NGPC Admin Ext 2018.pdf	Attachment	No	EnviroServices LLC

Status History

	User	Processing Status
4/9/2022 2:01:01 PM	EnviroServices & Training Center LLC	Draft
6/17/2022 7:14:30 AM	EnviroServices & Training Center LLC	Submitting
6/17/2022 7:14:53 AM	EnviroServices & Training Center LLC	Submitted

Processing Steps

Step Name	Assigned To/Completed By	Date Completed
Application Submitted	EnviroServices & Training Center LLC	6/17/2022 7:14:53 AM
Assign To		
In Review		
Issue NGPC		

DAVID Y. IGE
GOVERNOR OF HAWAII

ELIZABETH A. CHAR, M.D.
DIRECTOR OF HEALTH

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

In reply, please refer to:
EMD/CWB

R80G760.FNL.22

June 27, 2022

Via e-mail only (Jade.Butay@hawaii.gov)

The Honorable Jade Butay
Director
State of Hawaii
Department of Transportation
Harbors Division
869 Punchbowl Street
Honolulu, Hawaii 96813

Dear Mr. Butay:

Subject: NOTICE OF GENERAL PERMIT COVERAGE (NGPC)
National Pollutant Discharge Elimination System (NPDES)
Oahu District Maintenance Baseyard
Honolulu, Island of Oahu, Hawaii
File No. HIR80G760

This NGPC supersedes the NPDES Permit Coverage File Number HIR80C781.

This letter is to notify you that:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS DIVISION

(Permittee) is now covered under the NPDES General Permit authorizing discharges of storm water associated with industrial activities. This only authorizes the Permittee to discharge to certain receiving State waters discharge point(s) from certain project location(s), all as identified in the Notice of Intent (NOI) e-Permitting Submission:

HPG-TGMR-WPZYW
(submitted online on June 17, 2022);

provided that Permittee shall comply with applicable administrative rules[1] and the information submitted in the NOI (Administrative Requirements).

Unauthorized Discharges. Discharges of any pollutants not authorized by or not in accordance with HAR Chapter 11-55, Appendix B, including unauthorized discharges of storm and non-storm water, process and non-process wastewater, toxics, nutrients, and other water pollutants to State waters are prohibited. This NGPC cannot be modified (not including changes to contact information), including additions of discharge point locations.

Term. This NGPC shall take effect on the date of this letter. **This NGPC shall expire at midnight, January 14, 2027**, or when amendments to HAR Chapter 11-55, Appendix B, are adopted, whichever occurs first.

Certain Requirements. As a reminder, this NGPC requires the Permittee, among other things, to do the following.

1. Comply with the sector and subsector-specific requirements contained in HAR Chapter 11-55, Appendix B applicable for the Facility's primary SIC, sector, and subsector (bolded below) as well as the identified SICs, sectors, and subsectors for co-located activities at the Facility.

SIC Code	Sector	Subsector
4491	**Sector Q - Water Transportation**	**Q1**

2. Implement and maintain the Facility's Storm Water Pollution Prevention Plan (SWPPP) that was prepared prior to submittal of the NOI in accordance with HAR Chapter 11-55, Appendix B, Part 5.

Compliance Submittals. All NGPC compliance submittals, including the Notice of Cessation, Notification of Start of Construction or Discharge, Discharge Monitoring Report, and other required information shall be submitted on the CWB Compliance Submittal Form for Individual NPDES Permits and NGPCs. This form shall be completed on the e-Permitting Portal located at: https://eha-cloud.doh.hawaii.gov/epermit.

[1] Hawaii Administrative Rules (HAR) Chapter 11-54; HAR Chapter 11-55; HAR Chapter 11-55, Appendix A; HAR Chapter 11-55, Appendix B. HAR Chapters 11-54 and 11-55 are available on the DOH, Clean Water Branch website at: https://health.hawaii.gov/cwb/.

Other Authorizations. The Permittee is responsible for obtaining other Federal, State, or local authorizations as may be required by law.

Failure to Comply. Failure to comply with Administrative Requirements is an enforceable violation and this NGPC may be terminated. Violations may be enforced pursuant to Hawaii Revised Statutes (HRS) Chapter 342D and are punishable by civil and criminal penalties thereunder.

Falsification of Information. Providing information (including in the NOI) that does not accurately describe what is actually occurring at the project site/facility, may result in criminal penalties for the Permittee and their authorized representative as provided in Clean Water Act[2], Section 309 and HRS § 342D-35.

DOH Survey. Please complete the DOH Customer Satisfaction Survey regarding your request for General Permit coverage. This brief survey is available on the e-Permitting Portal located at: https://eha-cloud.doh.hawaii.gov/epermit. Please use the Application Finder button and search for the "Customer Satisfaction Survey."

If you have any questions, please contact the CWB Enforcement Section or Mr. Darryl Lum of the Engineering Section at (808) 586-4309.

Sincerely,

for

ELIZABETH A. CHAR, M.D.
Director of Health

c: Mr. Cyrus Pattermann, State of Hawaii, Department of Transportation
[via e-mail cyrus.s.pattermann@hawaii.gov only]
Mr. Niko Salvador, State of Hawaii, Department of Transportation
[via e-mail Niko.G.Salvador@hawaii.gov only]
EnviroServices & Training Center LLC [via e-mail info@gotoetc.com only]

[2] Federal Water Pollution Control Act, 33 USC § 1251, *et seq.*

Appendix C

Routine Facility Inspection Checklist & Quarterly Visual Assessment Checklist

Routine Facility Inspection Checklist & Quarterly Visual Assessment Checklist

Facility Name: Oahu District Maintenance Baseyard	NPDES No.: HIR80G760
Inspector(s) Name & Title:	Date & Time of Inspection (start/end time):
Inspector Contact Info:	Inspector Qualifications:

Inspection Type: ☐ Routine ☐ Visual Assessment ☐ During Storm Event ☐ After Storm Event ☐ Other:

Weather: ☐ Clear ☐ Cloudy ☐ Rain ☐ High Winds ☐ Other:

Temperature:	Rain in past 24 hours: ☐ Yes ☐ No	Rainfall Amount (inches):

Previous storm ended >72 hours before start of this storm? ☐ Yes ☐ No (explain):

Have any previously unidentified discharges of pollutants occurred since the last inspection?
If yes, describe:

Are there any discharges occurring at the time of inspection?
If yes, describe:

CONTROL MEASURES

	Structural Control Measure	**Control measure is operating effectively?**	**If no, in need of maintenance, repair, or replacement?**	**Corrective Action Needed and Notes:** *(Identify maintenance and repairs, or any failed control measures that need replacement)*
1.	Filter Socks	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	
2.	Tarps	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	
3.	Wash rack water and sediment containment	☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	
4.		☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	
5.		☐ Yes ☐ No	☐ Maintenance ☐ Repair ☐ Replacement	

Areas of Industrial Materials or Activates Exposed to Stormwater

	Area/Activity	Inspected?	Controls Adequate (Appropriate, effective, and operating?)	Corrective Actions Needed and Notes:
1.	Material loading/unloading and storage areas	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
2.	Equipment operations and maintenance areas	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
3.	Fueling areas	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
4.	Outdoor vehicle washing areas	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
5.	Waste handling and disposal areas	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
6.	Erodible areas	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
7.	Non-stormwater/illicit connections	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
8.	Dust generation and vehicle tracking	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
9.	Previous leaks or spills	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	
10.	Outfall/Discharge Points	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No	

Additional Stormwater Inspection Items

	Area/Activity	Inspected?	Corrective Actions Needed and Notes:
1.	A notification list of DOT Harbors emergency contact numbers is posted in a common area.	☐ Yes ☐ No ☐ N/A	
2.	The facility is required to conduct stormwater sampling. Records of monitoring data are kept for a minimum of 5 years.	☐ Yes ☐ No ☐ N/A	
3.	Facility is free of staining or spills/leaks have been cleaned to acceptable conditions.	☐ Yes ☐ No ☐ N/A	
4.	Absorbent and other spill response products are cleaned and/or swept in a timely manner to prevent it from entering the storm drains or harbor water.	☐ Yes ☐ No ☐ N/A	
5.	Facility operations produce non-stormwater runoff that is regulated or otherwise restricted?	☐ Yes ☐ No ☐ N/A	
6.	Facility discharges points or storm drains equipped with BMPs are in good condition.	☐ Yes ☐ No ☐ N/A	
7.	Vehicles and equipment are washed in a designated area to control wash water and sediment from entering the storm drains.	☐ Yes ☐ No ☐ N/A	
8.	Petroleum, oil, and lubricant and liquid chemicals stored in 55 gal. containers and above are in good condition and stored inside on secondary containment.	☐ Yes ☐ No ☐ N/A	

	Area/Activity	Inspected?	Corrective Actions Needed and Notes:
9.	Vehicle and equipment maintenance/repairs are conducted indoors or under cover. If maintenance is conducted outdoors, proper BMPs have been implemented to prevent spills or leaks from entering storm drains or harbor waters.	☐ Yes ☐ No ☐ N/A	
10.	Drip pans are utilized under leaking vehicles and equipment awaiting maintenance or repairs. Drip pans are cleaned regularly.	☐ Yes ☐ No ☐ N/A	
11.	Fluids and batteries are removed from all salvaged vehicles and equipment.	☐ Yes ☐ No ☐ N/A	
12.	Spill kits are maintained throughout the facility and are easily accessible.	☐ Yes ☐ No ☐ N/A	
13.	Open areas are swept regularly to prevent dirt, dust, and debris from entering storm drains or harbor water.	☐ Yes ☐ No ☐ N/A	
14.	Fertilizers, pesticides, and herbicides are stored indoors or under cover in cabinets or under cover and within cabinets with appropriate warning signs posted.	☐ Yes ☐ No ☐ N/A	
15.	Storm drains and/or discharge points are cleaned regularly and marked with "No Dumping" signs, placards or medallions.	☐ Yes ☐ No ☐ N/A	
16.	Dumpsters and recycle bins are closed when not in use and not overfilled. They are in good condition (no holes or rust) and there is no evidence of leaks.	☐ Yes ☐ No ☐ N/A	

PARAMETER

Name(s) Collecting/Examining Sample:	Date/Time Sample Collected/ Examined:
Color	☐ None ☐ Other (describe):
Odor	☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas ☐ Solvents ☐ Other:
Clarity	☐ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other
Floating Solids	☐ No ☐ Yes (describe):
Settled Solids[1]	☐ No ☐ Yes (describe):
Suspended Solids	☐ No ☐ Yes (describe):
Foam (*gently shake sample)*	☐ No ☐ Yes (describe):
Oil Sheen	☐ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe):
Other Obvious Indicators of Stormwater Pollution	☐ No ☐ Yes (describe):

Note: The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

[1]Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary):

Describe any incidents of non-compliance observed and not described above:

ADDITIONAL CONTROL MEASURES

Describe any additional control measures needed to comply with the permit requirements:

NOTES

CERTIFICATION STATEMENT

"I certify that the information reported is true, accurate, and completeas of the time of my inspection and the inspection was performed based on my training and experience."

Print name and title: _____ Signature:

_____ Date: _____

Appendix D

Control Measure Maintenance Records

Control Measure Maintenance Records

Control Measure:	
Regular Maintenance Activities:	
Regular Maintenance Schedule:	

Date of Action:	
Reason for Action:	☐ Regular Maintenance ☐ Discovery of Problem **If Problem:** - Description of Action Required: - Date Control Measure Returned to Full Function: - Justification for Extended Schedule, if applicable:

Control Measure:	
Regular Maintenance Activities:	
Regular Maintenance Schedule:	

Date of Action:	
Reason for Action:	☐ Regular Maintenance ☐ Discovery of Problem **If Problem:** - Description of Action Required: - Date Control Measure Returned to Full Function: - Justification for Extended Schedule, if applicable:

Appendix E

Spill, Leak, or Release Log

Spill, Leak, or Release Log

Date of incident:	
Location of incident:	
Description of incident:	
Circumstances leading to release:	
Actions taken in response to release:	
Measures taken to prevent recurrence:	

Date of incident:	
Location of incident:	
Description of incident:	
Circumstances leading to release:	
Actions taken in response to release:	
Measures taken to prevent recurrence:	

Date of incident:	
Location of incident:	
Description of incident:	
Circumstances leading to release:	
Actions taken in response to release:	
Measures taken to prevent recurrence:	

Date of incident:	
Location of incident:	
Description of incident:	
Circumstances leading to release:	
Actions taken in response to release:	
Measures taken to prevent recurrence:	

Date of incident:	
Location of incident:	
Description of incident:	
Circumstances leading to release:	
Actions taken in response to release:	
Measures taken to prevent recurrence:	

Appendix F

SWPPP Training Roster

SWPPP TRAINING ROSTER

Training will be scheduled at least annually to ensure personnel have adequate understanding of this Stormwater Pollution Prevention Plan (SWPPP).

Training Conducted By:_____ Date:_____
(Name and Department/Company)

Check the Topics/Information Reviewed:

Overview of the SWPPP:
☐ Implementation, Location & Updates
☐ SWPPP Team
☐ Potential Pollutants
☐ Monitoring
☐ Reporting

Control Measures & BMPs:
☐ Locations & Maintenance
☐ Minimize Exposure
☐ Good Housekeeping
☐ Maintenance
☐ Material Management

Sector Specific Activities:
☐ Sector Specific Requirements

Inspections:
☐ Routine Facility Inspections (Quarterly)
☐ Visual Assessment (Quarterly)
☐ Corrective Actions

Pollution Prevention Requirements:
☐ Procedures

Spill Response Procedures:
☐ Discharge Response Procedures
☐ Discharge Response Equipment and Supplies
☐ Emergency Contact List
☐ Cleanup waste Disposal
☐ Discharge Reporting Requirements

Employee Name	Employee Signature	Instructor Initials

SWPPP TRAINING ROSTER

Employee Name	*Employee Signature*	*Instructor Initials*

Training Record Page ____ of ____ ***Date:*** _____

Appendix G

Best Management Practices

BEST MANAGEMENT PRACTICES
HDOT HARBORS OAHU DISTRICT MAINTENANCE BASEYARD
STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

Best Management Practices
HDOT Harbors Oahu District Maintenance Baseyard

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Best Management Practice

Minimize Exposure

Description

Minimizing exposure of processing, and material storage areas (i.e., loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain and stormwater runoff assists in minimizing pollutant discharges by moving industrial activities and materials inside or protecting them with storm resistant coverings.

Practice		
☐	1.	Inspect berms and curbing utilized at the facility to direct stormwater and determine if maintenance is required.
☐	2.	Inspect secondary containment areas and drip pans for product or rainwater accumulation. Remove and properly dispose of product and rainwater, as needed.
☐	3.	Perform all vehicle and/or equipment cleaning operations at the wash rack which prevents runoff and run-on and also capture any overspray.
☐	4.	Store leaking vehicles and equipment indoors. If stored outdoors, use drip pans and absorbents.
☐	5.	Drain fluids and remove batteries from salvage vehicles and equipment. Inspect salvage vehicles and equipment monthly for leaks.
☐	6.	Clean up spills and leaks promptly using dry methods (e.g., absorbents) to prevent the discharge of pollutants.

Best Management Practice

Good Housekeeping Practices

Description

Daily activities performed at the Baseyard require the use of materials and products that are potential contaminants in stormwater. Good housekeeping practices are intended to maintain a clean, safe, and orderly working environment when the facility is utilizing and storing these materials. Implementing good housekeeping BMPs will reduce the amount of pollutants entering Keehi Lagoon and can reduce safety hazards to personnel.

Practice		
☐	1.	Dry-sweep all exposed paved surfaces regularly to remove garbage, accumulated sediment, and debris. If washing down the area, collect and/or treat, and properly dispose of washdown water.
☐	2.	Keep all dumpsters covered when not in use; Do not overfill dumpsters or trash bins. If dumpsters do not have lids and have the potential to leak, ensure discharges have a control (e.g., secondary containment, treatment).
☐	3.	Dispose of all waste on a regular basis.
☐	4.	Conduct hand washing only in designated areas; Collect and properly dispose of all hand wash water.
☐	5.	Store materials in appropriate containers.
☐	6.	Inspect and maintain berms and dams near sampling point; Replace and repair damaged / spent berms and dams as necessary.
☐	7.	Maintain ample supplies of spill clean-up materials.
☐	8.	Promptly clean spills using appropriate spill materials and methods. Properly cleanup and dispose of spent spill material.
☐	9.	Train employees on all best management practices annually.

Best Management Practice

Maintenance of Control Measures

Description

Maintaining control measures as well as industrial equipment and systems measures ensures they are in effective operating condition and assists with minimizing potential pollutant discharges.

Practice		
☐	1.	Inspect and maintain stormwater drainage controls, treatment systems, and facility equipment to prevent failure and contamination of stormwater, where applicable.
☐	2.	Perform timely inspection and maintenance of stormwater management devices (e.g., cleaning oil and water separators and sediment traps to ensure that spent abrasives, paint chips, and solids will be intercepted and retained prior to entering the storm drainage system), as well as inspecting and testing facility equipment and systems to uncover conditions that could cause breakdown or failures resulting in discharges of pollutants to surface waters.
☐	3.	Ensure designated facility personnel are appropriately trained.
☐	4.	Maintain adequate supply of spill response material.

Best Management Practice

Surface Preparation and Painting Area

Description

Surface preparation and painting activities have the potential to become sources of pollutants. This BMP is designed to prevent pollutants associated with surface preparation and painting from contact with stormwater.

Practice		
☐	1.	Minimize the potential for spent abrasives, paint chips, and overspray to be discharged to receiving waters. Contain all blasting and painting activities, or use other measures to minimize the discharge of containments (e.g., hanging plastic barriers or tarpaulins during blasting or painting operations to contain debris).
☐	2.	Confine activities inside when applicable.
☐	3.	Enclose, cover, or contain sanding activities to the extent practical to prevent dust and paint chips from reaching storm sewers or receiving water.
☐	4.	Hang plastic barriers or tarpaulins to contain debris.
☐	5.	Inspect and clean sediment traps to ensure the capture and retention of solids.
☐	6.	Use environmentally-sensitive paint strippers.
☐	7.	Mix paints in designated areas away from drains, ditches, piers, and surface waters, preferably indoors or under cover.
☐	8.	Have absorbent and other cleanup items readily available for immediate cleanup of spills.
☐	9.	Allow empty paint cans to dry before disposal.
☐	10.	Keep paint products away from traffic areas.
☐	11.	Store waste paint and rags in covered containers.

Practice		
☐	12.	Use coatings with low VOC content; use high transfer efficiency coating techniques such as brushing and rolling.
☐	13.	Inspect area regularly to ensure BMPs are implemented.
☐	14.	Immediately clean all spills during painting and welding activities. Dry-sweep / vacuum project areas daily.
☐	15.	Clean painting equipment only in designated areas; Properly dispose of all spent painting supplies and cans.
☐	16.	Routinely maintain and clean the property to minimize discharges of pollutants in stormwater.
☐	17.	Train employees on waste control and disposal procedures.

Best Management Practice

Material Storage and Handling Areas

Description

Various raw materials and liquids are required at the Baseyard for daily operation. Exposure of these raw materials and liquids to stormwater could potentially contaminate stormwater runoff. Implementing material storage BMPs is designed to prevent or reduce the amount of pollutants entering Keehi Lagoon.

Practice		
☐	1.	Keep all exposed raw materials protected from rainfall and elevated off the ground; Cover scrap metal and rusting metals.
☐	2.	Inspect storage areas regularly; Look for leaking or corroded containers, chemical discoloration, or other changes in the containers or contents that may indicate a potentially hazardous condition or chemical deterioration.
☐	3.	Store and plainly label all containerized materials (e.g., fuels, paints, solvents, waste oil, antifreeze, batteries) in a protected, secure location away from drains. Minimize the contamination of precipitation or surface runoff from the storage areas.
☐	4.	Identify materials that are stored indoors, and contain or enclose or use other measures for those stored outdoors.
☐	5.	Chemical storage areas are located in buildings to prevent contact with precipitation.
☐	6.	Store containerized materials (fuels, paints, etc.) indoors where possible.
☐	7.	If containment structures have drains, ensure that the drains have valves, and that valves are maintained in the closed position. Institute protocols for checking/testing stormwater in containment areas prior to discharge.
☐	8.	Locate storage areas away from high traffic areas and surface waters.
☐	9.	Store reactive, ignitable, or flammable liquids in compliance with the local fire code, local zoning codes, and the National Electric Code.
☐	10.	Secure and carefully monitor hazardous materials to prevent theft, vandalism, and misuse of materials.
☐	11.	Properly dispose of chemicals that are no longer in use.

Practice		
☐	12.	Use temporary containment and portable drip pans where required.
☐	13.	Provide drip pads/pans where chemicals are transferred from one container to another to allow for recycling of spills and leaks.
☐	14.	Store all exposed liquid storage tanks and containers off the ground and in bermed areas or on secondary containment.
☐	15.	Inspect secondary containment and maintain as necessary.
☐	16.	Keep materials stored with other compatible materials; Label all material containers; Do not store materials past allowable holding times.
☐	17.	Store universal wastes in a closed container and properly label as “universal waste – [insert type of waste here]” with the accumulation date. Do not store universal wastes past 1 year.
☐	18.	Maintain accurate inventory of stored supplies; Periodically review inventory and storage areas to evaluate the need to keep stored materials; Properly dispose of materials that do not need to be kept.
☐	19.	Store hazardous waste in a designated storage aera and properly label as “hazardous waste – [insert type of waste here]” with the accumulation date. Conduct regular inspections while awaiting disposal from a contractor.
☐	20.	Train employees in proper storage, use, cleanup, and disposal of materials.

Best Management Practice

Engine Maintenance and Repair Areas

Description

Vehicle and engine maintenance and repair are conducted in the Auto Shop or under cover when possible. Activities associated with maintenance and repair may contribute contaminates. This BMP is designed to prevent or reduce the impact of contaminants from engine maintenance and repair areas.

Practice		
☐	1.	Conduct majority of engine maintenance and repair off-site if applicable; Limit engine repairs to engine compartment of vehicles or adjacent to vehicles; Ensure appropriate spill response materials are available at all times during engine maintenance.
☐	2.	Work indoors, if possible, or create temporary work enclosures using heavy-gauge polypropylene plastic stretched over a tubular metal frame (or comparable materials).
☐	3.	Conduct the cleaning operations indoors when possible.
☐	4.	Collected wastes will be treated or disposed of by a licensed waste hauler.
☐	5.	If operations are uncovered, perform them on paved areas.
☐	6.	Use berms, curbs, or similar means to ensure that stormwater runoff from other parts of the facility does not flow over the maintenance area.
☐	7.	Use suction-style oil pumps to drain crankcase oil, and use absorbent pads to remove oil from crankcase.
☐	8.	Use drip plans, drain boards, and drying racks to direct drips back into a sink or fluid holding tank for reuse.
☐	9.	Drain all parts of fluids prior to disposal.
☐	10.	Promptly transfer used fluids to the proper container; do not leave full drip pans or other open containers around the shop. Empty and clean drip pans and containers.
☐	11.	Dispose of greasy rags, oil filters, air filters, batteries, spent coolant, and degreasers in compliance with appropriate regulations.

Practice		
☐	12.	Label and maintain components used for the recycling of waste material
☐	13.	Maintain an organized inventory of materials.
☐	14.	Promptly clean up leaks, drips, and spills if any.
☐	15.	If parts are dipped in liquid, remove them slowly to avoid spills.
☐	16.	Inspect the maintenance area regularly to ensure BMPs are implemented.
☐	17.	Train employees on waste control and disposal procedures.

Best Management Practice

Vehicle and Equipment Fueling

Description

Fueling is conducted at Building 1 and Building 3. All fueling is conducted under cover to minimize the potential to impact stormwater. The procedures outlined in this BMP are intended to prevent fuel spills and leaks and reduce their impact on stormwater.

Practice		
☐	1.	Do not permit topping off fuel tanks.
☐	2.	Inspect fuel hoses and dispensing nozzles regularly for cracks and leaks; Repair as needed.
☐	3.	Inspect fuel storage tanks and associated piping for visible signs of weakness, leaking, bulging, blistering, discoloration or corrosion damage.
☐	4.	Check and maintain automatic shut off controls on fuel dispensing nozzles; Repair as needed.
☐	5.	Maintain ample visible signage near fuel dispensers notifying users of proper fueling practices.
☐	6.	Provide and maintain spill kits near fuel tanks and on fueling pier; Ensure ample supply of spill clean-up materials and spill control equipment.

Best Management Practice

Spill Prevention and Response Practices

Description

The procedures outlined in this BMP are intended to minimize the potential for leaks, spills and other releases that may be exposed to stormwater and implement spill response protocol developed for effective response to such spills if or when they occur in order to minimize pollutant discharges.

Practice		
☐	1.	Label all containers (e.g., "Used Oil," "Spent Solvents," "Fertilizers and Pesticides") that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur.
☐	2.	Implement procedures for material storage and handling, including the use of secondary containment and barriers between material storage and traffic areas, or a similarly effective means designed to prevent the discharge of pollutants from these areas.
☐	3.	Keep spill kits stocked at the facility an in areas where spills may occur, or where rapid response can be made.
☐	4.	Notify appropriate facility personnel when a leak, spill, or other release occurs.
☐	5.	Follow spill response procedures discussed in **Section 4.1.8 Spill Prevention and Response** of the SWPPP.
☐	6.	Train all personnel on procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases. Execute procedures immediately.

Appendix H

Benchmark Exceedances

Benchmark Exceedances

Date:	
Parameter Exceeded and Results:	
Quarter 1 Sample Date:	**Quarter 1 Sample Results:**
Quarter 2 Sample Date:	**Quarter 2 Sample Results:**
Quarter 3 Sample Date:	**Quarter 3 Sample Results:**
Quarter 4 Sample Date:	**Quarter 4 Sample Results:**
Average Result:	
Benchmark Value:	

☐ **Corrective Action Taken**

Parameter(s):

☐ **Finding that the exceedance was due to natural background pollutant levels**

Parameter(s):

Attach the following documentation:

- An explanation of why you believe the presence of the pollutant causing the impairment in your discharge is not related to the activities at your facility; and,
- Data and/or studies that tie the presence of the pollutant causing the impairment in your discharge to natural background sources in the watershed.

☐ **Finding that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice**

Parameter(s):

Appendix I

Estimated Flow Rate Calculations and Field Parameters

Estimated Flow Rate Calculations and Field Parameters

Oahu District Maintenance Baseyard

1. Name of Sampler(s): _____ Date/Time of Arrival on-site: _____
2. Time Storm Began: _____ Time Storm Ended: _____ Duration of Storm: _____
3. Magnitude: _____ inches
4. Date of the last measurable rain event: _____ (days)
5. Runoff Water Quality (check all that apply and describe):

   ☐ Color: _____
   ☐ Odor: _____
   ☐ Clarity: _____
   ☐ Floating Solids: _____
   ☐ Settled Solids: _____
   ☐ Suspended Solids: _____
   ☐ Foam: _____
   ☐ Oil Sheen: _____
   ☐ Other: _____

6. Receiving Water Quality (check all that apply and describe):

   ☐ Color: _____
   ☐ Odor: _____
   ☐ Clarity: _____
   ☐ Floating Solids: _____
   ☐ Settled Solids: _____
   ☐ Suspended Solids: _____
   ☐ Foam: _____
   ☐ Oil Sheen: _____
   ☐ Other: _____

7. Calculate Flow:
   - Total Flow Meter Volume Before Rain Event: _____
   - Total Flow Meter Volume After Rain Event: _____

Appendix J

Deviations from Assessment or Stormwater Monitoring Schedule

Deviation from Assessment or Stormwater Monitoring Schedule

Date:	☐ Visual Assessment ☐ Stormwater Monitoring
Describe Deviation from Schedule:	
Reason for Deviation:	

Date:	☐ Visual Assessment ☐ Stormwater Monitoring
Describe Deviation from Schedule:	
Reason for Deviation:	

Date:	☐ Visual Assessment ☐ Stormwater Monitoring
Describe Deviation from Schedule:	
Reason for Deviation:	

Appendix K

Corrective Action Documentation

Corrective Action Documentation

Facility Name: Oahu District Maintenance Baseyard.	NPDES No.: HIR80G760
Name & Title:	Date & Time of Inspection Requiring Corrective Action:

CORRECTIVE ACTION

	Corrective Action Needed	Corrective Action Complete?	Date Of Corrective Action	Notes:
1.		☐ Yes ☐ No		
2.		☐ Yes ☐ No		
3.		☐ Yes ☐ No		
4.		☐ Yes ☐ No		
5.		☐ Yes ☐ No		

**Photos of corrective action are attached to this form*

CERTIFICATION STATEMENT

"I certify that the information reported is true, accurate and complete as of the time of my inspection and the inspection was performed based on my training and experience."

Print name and title: _____

Signature: _____ Date: _____

Appendix L

Discharge Monitoring Report

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

Form Approved.
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME State of Hawaii Department of Transportation

ADDRESS 869 Punchbowl Street
Honolulu, HI 96813-5097

FACILITY Harbors Division, Oahu District Maintenance Baseyard

LOCATION 48 Sand Island Access Road, Honolulu, HI 96819

HI R80G760	SP1
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD						
	YEAR	MO	DAY		YEAR	MO	DAY
FROM	2022	01	01	TO	2022	12	31

☐ Check here if No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
Flow	SAMPLE MEASUREMENT							GPM			
	PERMIT REQUIREMENT					Report				Quarterly	Calc
Total Aluminum	SAMPLE MEASUREMENT							mg/L			
	PERMIT REQUIREMENT					0.75				Quarterly	G
Total Iron	SAMPLE MEASUREMENT							mg/L			
	PERMIT REQUIREMENT					1.0				Quarterly	G
Total Lead	SAMPLE MEASUREMENT							mg/L			
	PERMIT REQUIREMENT					0.21				Quarterly	G
Total Zinc	SAMPLE MEASUREMENT							mg/L			
	PERMIT REQUIREMENT					0.09				Quarterly	G
	SAMPLE MEASUREMENT							mg/L			
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Jade T. Butay Director	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.		808	587-2150			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS *(Reference all attachments here)*