

**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

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

**D. R. HORTON – SCHULER HOMES, LLC
130 MERCHANT STREET, SUITE 112
HONOLULU, HAWAII 96813**

(hereinafter PERMITTEE),

is authorized to discharge storm water associated with construction activities from the Hoopili Development Parcel 113 Mass Grading and Stockpiling Plan project site, bounded by Fort Weaver Road to the east, the undeveloped Hawaiian Humane Society parcel to the north, agricultural land to the west, and Child and Family Services to the south, in Honouliuli, Ewa, Island of Oahu, Hawaii, TMKs: (1) 9-1-017:140 to the receiving State waters identified in the table below:

Discharge Point No.	Receiving State Water	Classification	Latitude (N)	Longitude (W)
1	Honouliuli Stream	Class 2, Inland	21.36472°	158.02722°

in accordance with the general requirements, discharge monitoring requirements and other conditions set forth herein, and in the attached DOH "Standard NPDES Permit Conditions," that is available on the DOH, Clean Water Branch (CWB) website at: <http://health.hawaii.gov/cwb/site-map/home/standard-npdes-permit-conditions/>.

All references to Title 40 of the Code of Federal Regulations (CFR) are to regulations that are in effect on July 1, 2018, except as otherwise specified. Unless otherwise specified herein, all terms are defined as provided in the applicable regulations in Title 40 of the CFR.

Failure to comply with any condition, requirement, and/or limitation in this permit is an enforceable violation and your NPDES permit may be terminated. Examples of enforceable violations include, but are not limited to: Unauthorized discharges where a pollutant was not disclosed in the NPDES application, but was detected by monitoring only requirements in the NPDES permit or by other means determined by the DOH; failure to sample, analyze, or submit water quality results as required in the NPDES permit; and discharging pollutants in locations that were not authorized in the NPDES permit. If you violate Hawaii Revised Statutes (HRS), Chapter 342D, you may be subject to penalties of up to \$25,000 per violation per day and up to two (2) years in jail.

Falsification of information, including providing information in the NPDES application that does not match 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, Section 309 and HRS, Section 342D-35.

This permit will become effective on _____, **2019**.

This permit and the authorization to discharge will expire at midnight,
_____, **2024**.

Signed this __th day of _____, 2019.

(For) Director of Health

TABLE OF CONTENTS

<u>Part</u>	<u>Description</u>	<u>Page</u>
A.	GENERAL REQUIREMENTS	4
B.	REPORTING REQUIREMENTS	6
C.	BEST MANAGEMENT PRACTICES (BMPs).....	9
D.	MAPS.....	12

ATTACHMENT:
STANDARD NPDES PERMIT CONDITIONS (VERSION 15)

A. GENERAL REQUIREMENTS

The Permittee shall:

1. Comply with all materials submitted in and with the application, dated January 17, 2019.
2. Retain a copy of the application, including other related materials, and this permit at the job site or at a nearby field office.
3. Design, operate, implement, and maintain the project Storm Water Pollution Prevention Plan (SWPPP) to ensure that storm water discharges associated with construction activities will not cause or contribute to a violation of applicable State water quality standards.
4. Implement the project SWPPP as often as needed to improve the quality of storm water discharges or when instructed by the Director of Health (Director).
5. Not cause or contribute to a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-4.
6. Inspect, at a minimum of once per week, the receiving state waters, storm water runoff and control measures and BMPs to detect violations of and conditions which may cause or contribute to a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-4 (e.g., the Permittee shall look at storm water discharges and receiving state waters for turbidity, color, floating oil and grease, floating debris and scum, materials that will settle, substances that will produce taste in the water or detectable off-flavor in fish, and inspect for items that may be toxic or harmful to human or other life).
7. Immediately stop, reduce, or modify construction, or implement new or revised BMPs as needed to stop or prevent a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-4.
8. Review the effectiveness and adequacy of the implemented SWPPP(s) and Erosion and Sediment Control (ESC) Plan(s) at a minimum of once per week and update the plan as often as necessary. Any changes(s) to the SWPPP(s) and/or ESC Plans or correction(s) to information already on file with the CWB shall be maintained onsite and be available upon request.

9. Know that Mr. Dan Wiley of D. R. Horton – Schuler Homes, LLC is recognized as the duly authorized representative to submit all information/documents for compliance with the NPDES conditions, except for the Notice of Cessation. A new authorized representative may be appointed in accordance with Part B.9.

B. REPORTING REQUIREMENTS

The Permittee shall:

1. Submit the following information in accordance with Part B.9. of this permit to the CWB for review and comment **at least 30 calendar days before the start of construction activities.**
 - a. The operator or general contractor contact information.
 - b. The copy of the County-approved ESC Plan and/or Grading Permit.
 - c. The drainage system owner's approval to discharge.
 - d. An updated construction schedule, including the dates when the contractor will begin and end site disturbance, when erosion control measures will be implemented and removed, and dates when major construction activities will begin and end.

All questions/concerns that the DOH may have must be answered to the satisfaction of the CWB.

2. Notify the State Department of Health, Hazard Evaluation and Emergency Response office if any contaminated soil is encountered.
3. BMPs used for land disturbance activities shall be located upland and treat all upland pollutants prior to any discharge. These BMPs shall be designed and implemented to ensure all upland pollutants are prevented from discharging to State waters. BMPs for in-water work shall be designed and implemented to ensure compliance with all applicable WQS.
4. Notify the Director of the construction start date in accordance with Part B.9. within seven (7) calendar days before the start of construction activities.
5. Complete and submit the Solid Waste Disclosure Form for Construction Sites to the DOH, Solid and Hazardous Waste Branch, Solid Waste Section as specified on the form at least 30 calendar days before the start of construction activities. The form can be downloaded at:
<https://health.hawaii.gov/shwb/files/2018/04/swdiscformapr2018.pdf>.

6. Submit any changes to information on the CWB Individual NPDES Form in accordance with Part B.9. as soon as changes arise. The Permittee shall properly address all related concerns and/or comments to the CWB's satisfaction.
7. Immediately notify the Director of all incidents of noncompliance and identify the pollutant(s) source(s) and the proposed and implemented control or mitigative measures as required in Section 16 of the "Standard NPDES Permit Conditions."
8. Complete and submit the Notice of Cessation in accordance with Part B.9. within 14 calendar days of completion of the subject project.
9. All reports, notifications, and updates to information on file shall be submitted through the CWB Compliance Submittal Form for Individual NPDES Permits and Notice of General Permit Coverages (NGPCs). This form is accessible through the e-Permitting Portal website at: <https://eha-cloud.doh.hawaii.gov/epermit>. If not already registered, you will be asked to do a one-time registration to obtain your login and password. After you register, click on the Application Finder tool to locate the form. Follow the instructions to complete and submit this form. All submissions shall include a CD or DVD containing the downloaded e-Permitting submission and a completed Transmittal Requirements and Certification Statement for e-Permitting NPDES/NGPC Compliance Submissions Form, with original signature and date.
10. Include the following certification statement, NPDES permit number, and original signature on each submittal in accordance with HAR, Chapter 11-55, Section 11-55-07(b). Failure to provide this information on future correspondence or submittals may be a basis for delay of the processing of the document(s).

"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."

11. The Permittee shall develop and submit a facility-specific waste load allocation (WLA) implementation and monitoring plan to the Director when a Total Maximum Daily Load, which specifies WLAs applicable to the Permittee's discharge, is approved by the EPA within one (1) year of notification of the approval date.

C. BEST MANAGEMENT PRACTICES (BMPs)

1. The Permittee shall:
 - a. Refrain from performing any work during heavy rainstorms.
 - b. Prevent loose particles, sand, soil, silt, and other construction debris at the project site from being washed away by storm water runoff to drainage systems and to State waters.
 - c. Remove the excavated material as soon as possible or at the end of each work day. The excavated material shall be disposed in a State and/or County-approved landfill site.
 - d. Not discharge water used for dust control to State waters.
 - e. Not discharge water used for irrigation to State waters.
 - f. Not discharge hydrotesting effluent to State waters without an appropriate NPDES permit.
 - g. Not discharge dewatering effluent to State waters without an appropriate NPDES permit.
 - h. Not stockpile unprotected materials on-site without implementing the appropriate BMPs for the stockpile(s).
 - i. Wash-down vehicles and/or equipment and concrete truck drums only at designated areas and not discharge the wash waters to State waters. The concrete wash water shall not be allowed to infiltrate into the ground.
 - j. Assure that the implemented BMPs are effective and the discharge effluent is in compliance with the basic State water quality standards.
 - k. Ensure that any commingled storm water that contacts pollution sources/contaminated soils is prevented from discharging to State waters.

2. The following special conditions apply to all land disturbance work conducted under this permit:
 - a. Construction Management Techniques
 - (1) Clearing and grubbing shall be held to the minimum necessary for grading and equipment operation.
 - (2) Construction shall be sequenced to minimize the exposure time of the cleared surface area.
 - (3) Construction shall be staged or phased for large projects. Areas of one (1) phase shall be stabilized before another phase is initiated. Stabilization shall be accomplished by temporarily or permanently protecting the disturbed soil surface from rainfall impacts and runoff.
 - (4) Erosion and Sediment Control Measures shall be in place and functional before earth moving operations begin. These measures shall be properly constructed and maintained throughout the construction period.
 - (5) All control measures shall be checked and repaired as necessary, for example, weekly in dry periods and within 24 hours after any rainfall of 0.25 inches or greater within a 24-hour period. During prolonged rainfall, daily checking is necessary. The Permittee shall maintain records of checks and repairs.
 - (6) The Permittee shall maintain records of the duration and estimated volume of storm water discharge(s).
 - (7) A specific individual shall be designated to be responsible for erosion and sediment controls on each project site.
 - b. Vegetation Controls
 - (1) Pre-construction vegetative ground cover shall not be destroyed, removed, or disturbed more than 20 calendar days prior to land disturbance.

- (2) Temporary soil stabilization with appropriate vegetation shall be applied on areas that will remain unfinished for more than 14 calendar days.
 - (3) Permanent soil stabilization with perennial vegetation or pavement shall be applied as soon as practical after final grading. Irrigation and maintenance of the perennial vegetation shall be provided for 14 calendar days or until the vegetation takes root, whichever is shorter.
- c. Structural Controls
- (1) Storm water flowing toward the construction area shall be diverted by using appropriate control measures, as practical.
 - (2) Erosion Control Measures shall be designed according to the size of disturbed or drainage areas to detain runoff and trap sediment.
 - (3) Water must be discharged in a manner that the discharge shall not cause or contribute to a violation of the basic water quality criteria as specified in HAR, Chapter 11-54, Section 11-54-4.

03009PMHK.19a

D. MAPS

***Hoopili Development Parcel 113
Mass Grading and Stockpiling Plan***

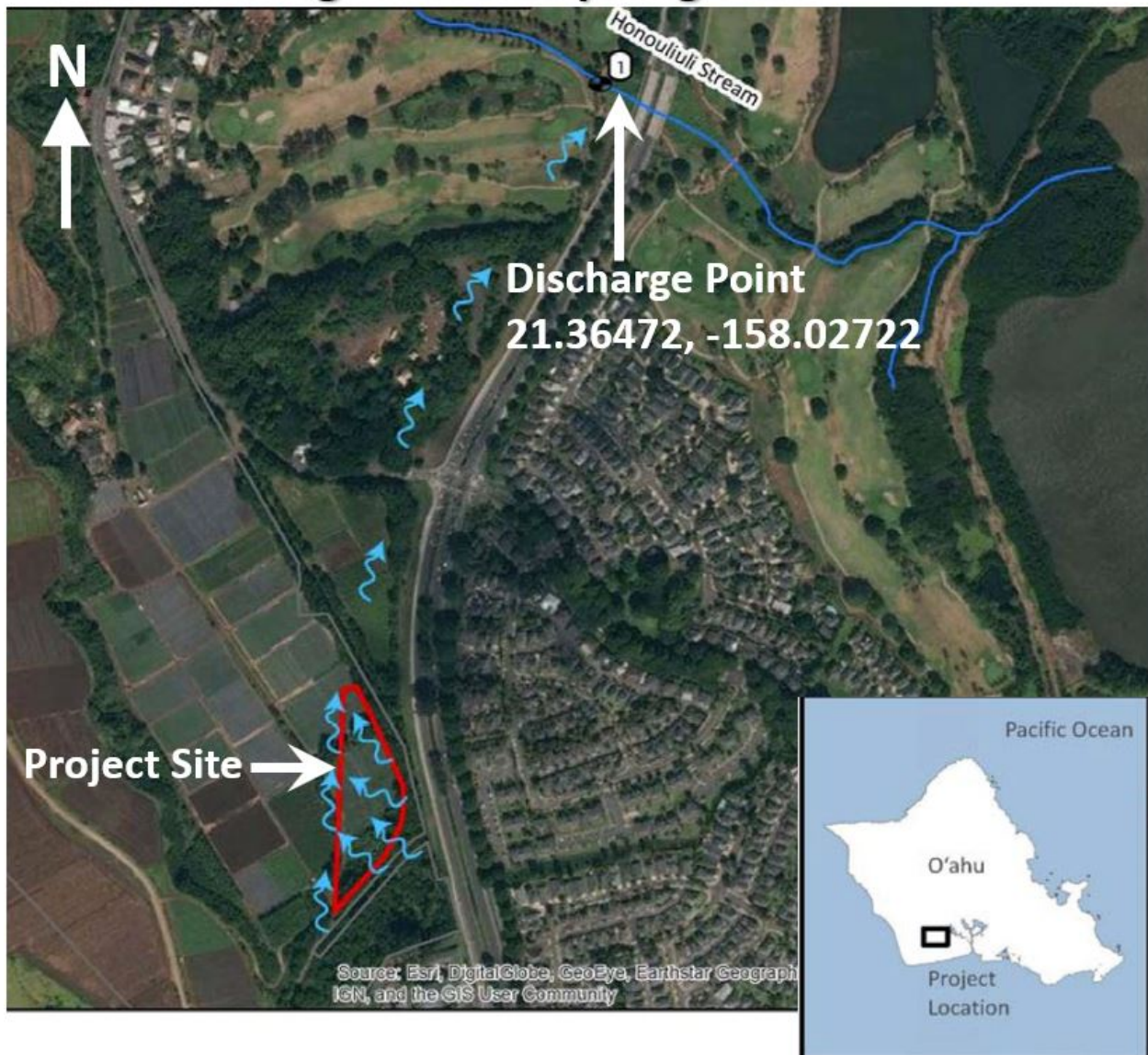
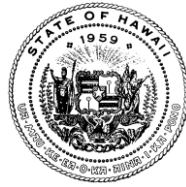


Figure 1 - Location and Outfall Map



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

In reply, please refer to:
File:

03009PMHK.19b
DATE: March 7, 2019
NPDES PERMIT NO.: HI S000588

PERMIT RATIONALE: NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT TO DISCHARGE TO THE WATERS OF THE UNITED STATES

PERMITTEE: D. R. HORTON – SCHULER HOMES, LLC

**PROJECT: HOOPILI DEVELOPMENT PARCEL 113
MASS GRADING AND STOCKPILING PLAN**

PROJECT LOCATION

The project site is bounded by Fort Weaver Road to the east, the undeveloped Hawaiian Humane Society parcel to the north, agricultural land to the west, and Child and Family Services to the south, Honouliuli, Ewa, Island of Oahu, Hawaii 96706
TMK: (1) 9-1-017:140

PERMITTEE MAILING ADDRESS

D. R. Horton – Schuler Homes, LLC
130 Merchant Street, Suite 112
Honolulu, Hawaii 96813
Contact: Mr. Alan Labbe
Senior Vice President
Phone No.: (808) 528-9073
E-mail: ALabbe@drhorton.com

DULY AUTHORIZED REPRESENTATIVE

D. R. Horton – Schuler Homes, LLC
130 Merchant Street, Suite 112
Honolulu, Hawaii 96813
Contact: Mr. Dan Wiley
Phone No.: (808) 341-3566
E-mail: DWWiley@drhorton.com

PERMIT STATUS

D. R. Horton – Schuler Homes, LLC submitted an Individual NPDES Permit Application for discharges of storm water associated with construction activities for the Hoopili Development Parcel 113 Mass Grading and Stockpiling Plan project, dated January 17, 2019. The Department of Health (DOH), Clean Water Branch (CWB) has reviewed the Individual NPDES Permit application and considers it to be complete. Permit No. HI S000588 has been assigned to the Individual NPDES Permit application.

The Director of Health (Director) proposes to issue a permit to discharge to the waters of the State and has included in the proposed draft permit those terms and conditions which the Director determined are necessary to carry out the provisions of the Federal Clean Water Act (CWA) of 1977 (PL 95-217) and Hawaii Revised Statutes (HRS), Chapter 342D.

The NPDES Permit will expire at midnight, five (5) years from the date of issuance.

SCOPE OF THE CONSTRUCTION ACTIVITY AND LOCATION OF THE PROJECT

This project will involve the mass grading and stockpiling of the Hoopili Development Parcel 113. Project activities include the mass grading of slopes and landscape features, while maintaining existing drainage patterns – approximately zero (0) cubic yards of excavation and approximately 91,000 cubic yards of embankment. The stockpile area will be 4.02 acres – approximately 78,550 cubic yards of uncontaminated soil. One (1) temporary sediment basin of 6.18 acres will be constructed prior to grading and backfilled upon project completion.

The project site is bounded by Fort Weaver Road to the east, the undeveloped Hawaiian Humane Society parcel to the north, agricultural land to the west, and Child and Family Services to the south, Honouliuli, Ewa, Island of Oahu, Hawaii, TMK: (1) 9-1-017:140.

Storm water runoff from the project site will discharge to the receiving State water at:

Discharge Point No.	Receiving State Water	Classification	Latitude (N)	Longitude (W)
1	Honouliuli Stream	Class 2, Inland	21.36472°	158.02722°

RECEIVING WATER CLASSIFICATION

The receiving water, Honouliuli Stream, is classified by the DOH as a Class 2, Inland Water. The objective of Class 2 waters is to protect their use for recreational purposes, the support and propagation of aquatic life, agricultural and industrial water supplies, shipping, and navigation. The uses to be protected in this class of waters are all uses compatible with the protection and propagation of fish, shellfish, and wildlife, and with recreation in and on these waters. These waters shall not act as receiving waters for any discharge which has not received the best degree of treatment or control compatible with the criteria established for this class.

CWA section 303(d) requires states to identify specific water bodies where water quality standards are not expected to be met after implementation of technology-based effluent limitations on point sources. The DOH published 2018 State of Hawaii Water Quality Monitoring and Assessment Report on August 16, 2018. The report is pursuant to Sections 303(d) and 305(b) of the Clean Water Act.

The project receiving water, Honouliuli Stream, is identified as Category 3 (not enough data to evaluate) in the assessment report. The report also indicates that Honouliuli Stream has insufficient data for Enterococci, Total Nitrogen, Nitrate+Nitrite Nitrogen, Total Phosphorus, Turbidity, and Total Suspended Solids. Currently, no Total Maximum Daily Loads have been established for this waterbody.

Currently, there are no Environmental Protection Agency (EPA) approved Waste Load Allocations applicable to this proposed discharge.

OCEAN DISCHARGE CRITERIA

The Director has considered the Ocean Discharge Criteria, established pursuant to Section 403(c) of the Clean Water Act for the discharge of pollutants into the territorial sea, the waters of the contiguous zone, or the oceans. The EPA has promulgated regulations for Ocean Discharge Criteria in 40 Code of Federal Regulations Part 125, Subpart M. Therefore, the Director has determined that the discharge will not cause unreasonable degradation to the marine environment. Based on the current information, the Director proposes to issue a permit.

DESCRIPTION OF THE PROPOSED DISCHARGE

D. R. Horton – Schuler Homes, LLC requests to discharge storm water runoff from the proposed construction site. Best Management Practices (BMPs) for storm water runoff and non-storm water sources will be implemented to minimize the discharge of erosion and other pollutants from entering receiving State waters. D. R. Horton – Schuler Homes, LLC has certified that they will comply with all BMP requirements in Hawaii Administrative Rules (HAR), Chapter 11-55, Appendix C, and their Storm Water Pollution Prevention Plan (SWPPP) was prepared in accordance with HAR, Chapter 11-55, Appendix C, Section 7.

PERMIT CONDITIONS

The Director has considered the permit conditions to discharge storm water runoff associated with construction activity, established pursuant to the Federal Water Pollution Control Act, Federal Clean Water Act, and the HRS. The Director has determined that the discharges will not cause unreasonable degradation to the receiving water environment when D. R. Horton – Schuler Homes, LLC complies with the conditions of the permit. Therefore, based on the current information, the Director proposes to issue a permit.

PROPOSED DETERMINATIONS

1. The General Requirements as stated in Part A of the permit are necessary in preventing pollutants to be discharged with the storm water to the receiving State waters, in addition to the general BMP provisions proposed in the Application.
2. The Reporting Requirements as stated in Part B of the permit are to inform D. R. Horton – Schuler Homes, LLC of submittal and reporting requirements for compliance with the permit conditions.
3. The BMPs as stated in Part C of the permit are to emphasize pollution prevention measures that are applicable to the construction activities.

ANTI-BACKSLIDING AND ANTIDegradation

The proposed permit meets anti-backsliding requirements because the proposed project is a new facility/construction activity and includes the permit requirements established by the DOH for the discharges of storm water associated with construction activities.

The proposed permit meets Hawaii's anti-degradation policy because it requires the Permittee to apply the best degree of treatment or control to the discharge that will result with the residual soil reaching the receiving body of water from the project site to be of an acceptable level, as provided under HAR, Section 11-54-4(c).

PUBLIC COMMENT AND CONTACT INFORMATION

Persons wishing to comment upon or object to the proposed Draft NPDES in accordance with HAR, Sections 11-55-09(b) and 11-55-09(d), may submit their comments through e-mail at: cleanwaterbranch@doh.hawaii.gov or in writing either in person or by mail, to:

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