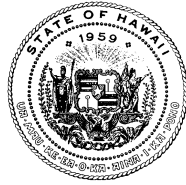


DAVID Y. IGE  
GOVERNOR OF HAWAII



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

21DG545.FNL.21

December 17, 2021

Via e-mail only ([james.g.meyer2.mil@us.navy.mil](mailto:james.g.meyer2.mil@us.navy.mil))

Captain James Meyer  
CEC, USN, Regional Engineer  
Naval Facilities Engineering Systems  
Command, Hawaii  
400 Marshall Road  
JBPHH, Hawaii 96860-3139

Dear Captain Meyer:

**Subject: NOTICE OF GENERAL PERMIT COVERAGE (NGPC)  
National Pollutant Discharge Elimination System (NPDES)  
Mobile GAC Water Treatment Units  
JBPHH, Island of Oahu, Hawaii  
File No. HI21DG545**

This letter is to notify you that:

**NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND, HAWAII**

(Permittee) is now covered under the NPDES General Permit authorizing discharges of treated effluent from leaking underground storage tank remedial 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:

**HPD-ZJ47-VA960**

(submitted online on December 15, 2021);

**provided that Permittee shall comply with applicable administrative rules<sup>1</sup> and the information submitted in the NOI (Administrative Requirements).**

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

Unauthorized Discharges. Discharges of any pollutants not authorized by or not in accordance with HAR Chapter 11-55 Appendix D, 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, July 12, 2023**, or when amendments to HAR Chapter 11-55 Appendix D, are adopted, whichever occurs first.

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

1. Monitor the discharge effluent as follows:

For discharges to Waiawa Stream, Kalauao Stream, Aiea Stream, Halawa Stream, and Moanalua Stream receiving waterbodies:

| Effluent Parameter                           | Effluent Limitations {1} | Units          | Monitoring Requirements |                         |
|--|--------------------------|----------------|-------------------------|-------------------------|
|  |                          |                | Measurement Frequency   | Sample Type             |
| Flow   | Report                   | GPD            | Continuous              | Calculated or Estimated |
| Total Petroleum Hydrocarbons as Gasoline {2} | Report                   | mg/L           | Weekly                  | Grab                    |
| Total Petroleum Hydrocarbons as Diesel {3}   | Report                   | mg/L           | Weekly                  | Grab                    |
| Benzene {3}                                  | 1.8                      | mg/L           | Weekly                  | Grab                    |
| Toluene {3}                                  | 5.8                      | mg/L           | Weekly                  | Grab                    |
| Xylenes {3}                                  | Report                   | mg/L           | Weekly                  | Grab                    |
| Ethylbenzene {3}                             | 11                       | mg/L           | Weekly                  | Grab                    |
| Lead {4}                                     | 0.029                    | mg/L           | Weekly                  | Grab                    |
| Organic Lead {5}                             | Report                   | mg/L           | Weekly                  | Grab                    |
| pH {6}                                       | 5.5 - 8.0                | Standard Units | Weekly                  | Grab                    |
| Whole Effluent Toxicity {7}                  | Pass {8}                 | -              | Monthly                 | Composite               |

GPD - Gallons per Day  
 mg/L - Milligrams per Liter

{1} Pollutant levels exceeding discharge limitations shall be reported to the Director within 24 hours after the Permittee becomes aware of the results. The Permittee shall provide the Director with an explanation of the pollutant origin. Monitoring results shall be submitted on the Discharge Monitoring Report (DMR) form.

- {2} EPA method 5030/8015 shall be used for the measurement of Total Petroleum Hydrocarbons as Gasoline and EPA method 3550/8015 shall be used for the measurement of Total Petroleum Hydrocarbons as Diesel.
- {3} EPA methods 5030/8015, or 5030/8021B, or 5030/8260B, 602, or 624, shall be used for measurement of benzene, ethylbenzene, and toluene. EPA method 8260b, or an equivalent method, shall be used for the measurement of xylenes.
- {4} The permittee shall test for the total recoverable lead.
- {5} EPA method 6010B shall be used for measurement of organic lead.
- {6} The permittee shall measure the pH within fifteen minutes of obtaining the grab sample.
- {7} Whole Effluent Toxicity testing shall be performed in accordance with the provisions of HAR 11-55, Appendix D, Section 7 of the general permit.
- {8} "Pass" as defined in HAR 11-55, Appendix D, Section 7. When calculating compliance with this limit, an Instream Waste Concentration (IWC) of 100% effluent shall be used.

For discharges to Pearl Harbor Estuary receiving waterbody:

| Effluent Parameter                           | Effluent Limitations {1} | Units          | Monitoring Requirements |                         |
|--|--------------------------|----------------|-------------------------|-------------------------|
|  |                          |                | Measurement Frequency   | Sample Type             |
| Flow   | Report                   | GPD            | Continuous              | Calculated or Estimated |
| Total Petroleum Hydrocarbons as Gasoline {2} | Report                   | mg/L           | Weekly                  | Grab                    |
| Total Petroleum Hydrocarbons as Diesel {3}   | Report                   | mg/L           | Weekly                  | Grab                    |
| Benzene {3}                                  | 1.7                      | mg/L           | Weekly                  | Grab                    |
| Toluene {3}                                  | 2.1                      | mg/L           | Weekly                  | Grab                    |
| Xylenes {3}                                  | Report                   | mg/L           | Weekly                  | Grab                    |
| Ethylbenzene {3}                             | 0.14                     | mg/L           | Weekly                  | Grab                    |
| Lead {4}                                     | 0.14                     | mg/L           | Weekly                  | Grab                    |
| Organic Lead {5}                             | Report                   | mg/L           | Weekly                  | Grab                    |
| pH {6}                                       | 6.8 - 8.8                | Standard Units | Weekly                  | Grab                    |
| Whole Effluent Toxicity {7}                  | Pass {8}                 | -              | Monthly                 | Composite               |

GPD - Gallons per Day  
 mg/L - Milligrams per Liter

- {1} Pollutant levels exceeding discharge limitations shall be reported to the Director within 24 hours after the Permittee becomes aware of the results. The Permittee shall provide the Director with an explanation of the pollutant origin. Monitoring results shall be submitted on the Discharge Monitoring Report (DMR) form.
- {2} EPA method 5030/8015 shall be used for the measurement of Total Petroleum Hydrocarbons as Gasoline and EPA method 3550/8015 shall be used for the measurement of Total Petroleum Hydrocarbons as Diesel.
- {3} EPA methods 5030/8015, or 5030/8021B, or 5030/8260B, 602, or 624, shall be used for measurement of benzene, ethylbenzene, and toluene. EPA method 8260b, or an equivalent method, shall be used for the measurement of xylenes.
- {4} The permittee shall test for the total recoverable lead.

- {5} EPA method 6010B shall be used for measurement of organic lead.
  - {6} The permittee shall measure the pH within fifteen minutes of obtaining the grab sample.
  - {7} Whole Effluent Toxicity testing shall be performed in accordance with the provisions of HAR 11-55, Appendix D, Section 7 of the general permit.
  - {8} "Pass" as defined in HAR 11-55, Appendix D, Section 7. When calculating compliance with this limit, an Instream Waste Concentration (IWC) of 100% effluent shall be used.
2. Provide to the Department an Initial Investigation Toxicity Reduction Evaluation Workplan within one hundred twenty days after the issuance date of the notice of general permit coverage in accordance with Item 7.d. of HAR, Chapter 11-55, Appendix D.
  3. Provide to the Department an updated time table of major activities prior to the start of the activity. The time table shall include the date when the contractor will begin the project, the date when the contractor will begin the treatment and discharge process, and the time frame of the proposed discharges for the project.
  4. The Permittee shall address the Department's comments and/or concerns regarding Items 2 and 3 above to the Director's satisfaction before discharge activities begin.
  5. The permittee shall conduct, or have a contract laboratory conduct, monthly static or flow-through bioassays on composite effluent samples in accordance with the methods described in "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" (EPA 821/R-02-013, October 2002), and "Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms" (EPA 821/R-02-014, October 2002).
  6. Review the effectiveness and adequacy of the implemented Treatment System Operations Plan at a minimum of once per week, and update the plan as often as necessary. Any change(s) to the Treatment System Operations Plan or correction(s) to information already on file with the Department shall be submitted to the Clean Water Branch as such change(s) or correction(s) arise. The Permittee shall address the Department's comments and/or concerns to the Director's satisfaction before discharge activities under such change(s) or correction(s) commence.
  7. 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 within seven (7) calendar days before the start of the construction activities. The form can be downloaded at:  
<https://health.hawaii.gov/shwb/files/2018/04/swdiscformapr2018.pdf>.

8. Complete and submit the Notice of Cessation (NOC) within two (2) weeks of completion of the subject project.

Compliance Submittals. All NGPC compliance submittals, including the NOC, Notification of Start of Construction or Discharge, Discharge Monitoring Reports (DMRs) 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>.

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, and failure to prepare the SWPPP prior to NOI submission, may result in criminal penalties for the Permittee and their authorized representative as provided in Clean Water Act<sup>2</sup>, 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.”

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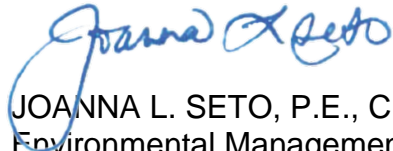
<sup>2</sup> Federal Water Pollution Control Act, 33 USC § 1251, *et seq.*

Captain James Meyer  
December 17, 2021  
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If you have any questions, please contact the DOH Incident Command (IC) or Ms. Liz Galvez of the Hazard Evaluation & Emergency Response (HEER) Office at (808) 586-4249.

Sincerely,



JOANNA L. SETO, P.E., CHIEF  
Environmental Management Division

DCL:ms

- c: Ms. Cori-Ann Kuromoto, Naval Facilities Systems Command, Hawaii  
[via e-mail [cori-ann.k.kuromoto.civ@us.navy.mil](mailto:cori-ann.k.kuromoto.civ@us.navy.mil) only]
- Lt. Zachary Altenburger, Naval Facilities Systems Command, Hawaii  
[via e-mail [zachary.l.altenburger.mil@us.navy.mil](mailto:zachary.l.altenburger.mil@us.navy.mil) only]
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