



State of Hawaii Department of Health Clean Water Branch	Do NOT submit this document.
Guidelines for CWB NOI Form G (CWBNOI_G.doc)	
Guidelines for Notice of Intent for Hawaii Administrative Rules, Chapter 11-55, Appendix G, National Pollutant Discharge Elimination System (NPDES) Notice of General Permit Coverage (NGPC)	

For coverage under a specific NPDES General Permit, the following items are required to be submitted to the Clean Water Branch (CWB):

- A. **CWB NOI General Form** (CWBNOI_General.pdf) with Certifying Person's original signature [via "Submit via Email" button and hard copy]
- B. **General Permit Specific CWB NOI Form G** (CWBNOI_G.doc) [via hard copy]
- C. **All applicable attachments** [via hard copy]
- D. **\$500 Filing Fee** [Check made payable to "State of Hawaii"]
- E. **Additional copies as required for Islands other than Oahu** [see Notes V.D. and V.E. of the General Guidelines]

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General Instructions - This is an MSWord form. Please:

1. Insert the required information - The NGPC Renewal Information is required for an Existing Facility with an NGPC. If this is for an Existing Facility without an NGPC or a New Facility, skip this item.
2. Save
3. Print
4. Submit with the CWB NOI General Form, attachments, and \$500 Filing Fee. Please see Note V - Inquiries and Submittals and Note VI - Filing Fee of the General Guidelines for more submittal information.

1. Dewatering Discharge Information

a. Quantity of Discharge

This information is based on the method of dewatering which is proposed to be used for the project.

b. Rate of Discharge

This information is based on the method of dewatering which is proposed to be used for the project.

c. Frequency of Discharge

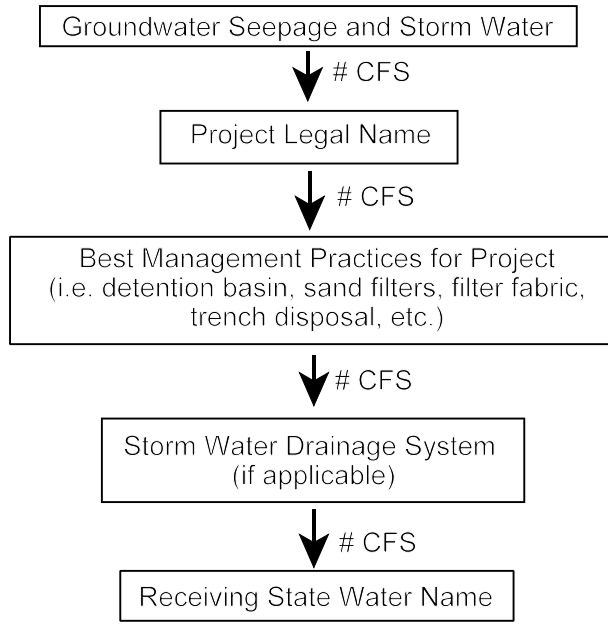
Indicate how often the discharge into receiving State waters will occur, as applicable.

- i. "Continuous discharge" means a "discharge" which occurs without interruption throughout the operating hours of the facility, except for infrequent shut-downs for maintenance, process changes, or other similar activities.
- ii. "Intermittent discharge" means a discharge that is not continuous.

2. Location Map

- a. Provide a location map on 8-1/2 by 11 inches sized paper showing the island on which the project is located and the approximate location of the project.
- b. Provide a topographic map on 8-1/2 by 11 inches sized paper or folded to 8-1/2 by 11 inches showing at least one mile beyond the project's property boundaries and the receiving State water(s). The map should also include the discharge point(s) where the treated dewatering effluent exits the project and discharges to the receiving State water(s) and, if applicable, the locations where the treated dewatering effluent enters into a storm drainage system/structure.
- c. If there is more than one (1) discharge point into a drainage structure and/or State receiving water, provide identification numbers and coordinates for each discharge point.

3. Flow Chart



An example of a line drawing indicating how the construction dewatering effluent flows through the project and the approximate amount of flow is shown. Indicate any treatment system(s) used. The quantity of discharge contributed by each source (i.e., trench dewatering) may be estimated if no data is available.

4. Existing or Pending Permits, Licenses, or Approvals

- a. Indicate any additional NPDES Permit number and/or NGPC File number which is associated with this facility.
- b. Provide any Department of the Army (DA) file number associated with the facility.
- c. Provide the Section 401 Water Quality Certification (WQC) file number associated with the DA Permit.
- d. Provide the RCRA Permit number for any hazardous wastes stored or used at the facility.
- e. For SARA Facilities, indicate the chemicals and their quantities on site.
- f. Others (i.e., Underground Injection Control file number).

5. Site Characterization

- a. History of land use should include the facilities and/or activities that have occurred in the past. Make note of any known or possible contamination that may have taken place at the proposed construction site or in the surrounding area. Include any completed or on-going corrective measures that have been implemented to remediate the contaminated area(s).
- b. If any known or possible contamination that has taken place at the proposed construction site or in the surrounding area has not been remediated, the pollutant(s) and its source(s) should be listed in this item. This item should address the pollutant(s) and source(s) associated with the past or existing conditions at the construction site and surrounding area, not those associated with the proposed construction activity.

6. Project Description

- a. Describe the proposed construction activity. Provide a copy of the construction plans (reduced size preferred) showing the plan and profile of the proposed excavation with the NOI or 30 calendar days before the construction activity. Provide the area of the site (in acres)

that is expected to undergo any disturbance, including, but not limited to excavation, grading, equipment staging, and storage areas. If the total disturbed area of the project or common plan of development or sale is equal to or greater than one (1) acre, please see Note III.B. of the General Guidelines.

- b. Indicate what portion of the project involves construction dewatering.
- c. The proposed construction schedule shall include:
 - i. The date when the contractor will begin and end site disturbance; and
 - ii. The date when the contractor will begin and end the construction dewatering process.

An updated construction schedule shall be submitted before the start of the construction activity.

- d. Describe the time frame of when the proposed discharges will take place during the work day (work hours, overnight, 24 hours a day, etc.).

7. Physical Source Water Quality

Place an "X" in either the "Believe Present" column or the "Believe Absent" column based on the test results or your best estimate.

8. Water Quality Parameters

- a. All of the parameters must be tested and reported. Provide a copy of the laboratory data sheets with Quality Assurance/Quality Control, Chain of Custody documents, and the sample collection technique, as applicable.
- b. The source water quality data may be collected from sites allowed by the director.
- c. Test results shall be obtained from a representative sample. "Representative sample" as defined in HAR, Chapter 11-55, Appendix A, Section 14(a):

"As used in this section, a representative sample means that the content of the sample shall:

- (1) Be identical to the content of the substance sampled at the time of the sampling;
- (2) Accurately represent the monitored item (for example, sampling to monitor final effluent quality shall accurately represent that quality, even though the sampling is done upstream of the discharge point); and
- (3) Accurately represent the monitored item for the monitored time period (for example, sampling to represent monthly average effluent flows shall be taken at times and on days that cover significant variations). Representative sampling may include weekends and storm events and may mean taking more samples than the minimum number specified elsewhere in the applicable general permit.

The burden of proving that sampling or monitoring is representative is on the permittee."

- d. One test result may be reported for Salinity, Chloride, or Conductivity.
- e. The test results shall be reported to the nearest decimal place or whole number as shown in the parentheses following each parameter. For example, "Temperature (0.1 °C)" -

Temperature shall be reported to the nearest tenth of a centigrade and "Ammonia Nitrogen (1 µg/l)" - Ammonia Nitrogen shall be reported to the nearest whole microgram per liter.

- f. Indicate the test method used for the parameter. The test methods that may be used are promulgated in 40 CFR Part 136 and, when applicable, listed in the references of chemical methodology for seawater analyses (see HAR, Chapter 11-54, Section 10(b)). If a test method has not been promulgated for a particular parameter, you may apply for approval of an alternate test procedure by following 40 CFR Section 136.4.
- g. The detection limit of the test methods used shall reflect the applicable numerical limitations as specified in HAR, Chapter 11-54 and shall be indicated.
 - i. The test method indicated shall have the detection limit below and closest to the numerical limit specified in HAR, Chapter 11-54. For situations where the numerical limitation is below the detection limit of the test methods, use the test method which has the detection limit closest to the numerical limitation.
 - ii. If the test result is not detectable, indicate that the test result is "N.D." or "not detected."
- h. Provide the specific numeric criteria for the receiving water from the "geometric mean not to exceed the given value" column of the applicable table in HAR, Section 11-54-5.2(b)(1), (d)(1), or (d)(2) or Section 11-54-6(a)(3), (b)(3), or (c)(3). The analysis shall include an explanation and evaluation of the source water quality data collected with respect to the applicable specific numeric criteria for the receiving water(s) specified under HAR, Chapter 11-54.

9. Toxic Parameters

- a. Test and report on the parameters which are believed to be present in the construction dewatering effluent.
 - i. The potential pollutants identified in Item 12.b. shall be tested and reported.
 - ii. Provide a copy of the laboratory data sheets with Quality Assurance/Quality Control and Chain of Custody documents, as applicable.
 - iii. Provide an explanation addressing the evaluation of the toxic pollutants analyzed and an evaluation of the source water quality data collected with respect to the numeric standards for the toxic pollutants for the receiving water(s) as specified under HAR, Chapter 11-54.
- b. The parameters are categorized into Metals, Organonitrogen Compounds, Pesticides, Phenols, Phthalates, Polynuclear Aromatic Hydrocarbons, Volatile Organics, and Others and are listed alphabetically. A Glossary of Chemicals is listed in Note 2 of the General Guidelines.
- c. Fill in each space to indicate that each parameter has been considered. If a parameter does not apply to the activity, enter "N/A" for "not applicable" in the "Test Result" column to show that the parameter was considered.
- d. The test results shall be reported in micrograms per liter.
- e. Indicate the test method used for the parameter. The test methods that may be used are promulgated in 40 CFR Part 136 and, when applicable, listed in the references of chemical methodology for seawater analyses (see HAR, Chapter 11-54, Section 10(b)). If a test method has not been promulgated for a particular parameter, you may apply for approval of an alternate test procedure by following 40 CFR Section 136.4.
- f. The detection limit of the test methods used shall reflect the applicable numerical limitations as specified in HAR, Chapter 11-54 and shall be indicated.

- i. The test method indicated shall have the detection limit below and closest to the numerical limit specified in HAR, Chapter 11-54. For situations where the numerical limitation is below the detection limit of the test methods, use the test method which has the detection limit closest to the numerical limitation.
- ii. If the test result is not detectable, indicate that the test result is "N.D." or "not detected."
- g. Provide the specific numeric criteria for the receiving water (freshwater or saltwater) from the "acute" or "chronic" column of the table in HAR, Section 11-54-4(b)(3). For intermittent discharges, provide the "acute" criteria and for continuous discharges, provide the "chronic" criteria.

10. Dewatering Facility Designer Information

Provide the information requested. To expedite the NOI review process, it may be necessary for the CWB staff to contact the dewatering facility designer with any questions or concerns.

11. Treatment Facility Designer Information

Provide the information requested. To expedite the NOI review process, it may be necessary for the CWB staff to contact the treatment facility designer with any questions or concerns.

12. Dewatering Plan

- a. The Dewatering Plan shall be designed to ensure the construction dewatering effluent discharge will meet conditions of this General Permit, basic water quality criteria, and applicable specific water quality parameters. It shall, at a minimum, address the list in this item. *The following numbers correspond to the CWB NOI Form G Item numbers.*
 - ii. The treatment design shall provide a description of dewatering treatment from intake to discharge (i.e., sheet piled excavation, slotted intake pipe, gravel filter, filter fabric around intake, sedimentation basin, filter tank, etc.), including how the discharge will reach State water(s).
 - iii. The design concerns shall include items to be considered including, but not limited to, estimated flow amount, construction location, and amount of space available, and the pollutants that may be present in the source water and those associated with the construction activity.
 - iv. Provide all calculations used in designing the treatment system, including estimating the flow rate.
 - v. Mitigative measures shall include the corrective action to be taken (i.e., add filter tank, increase sediment basin or tank volume, reduce flow quantity, etc.) when and if the construction dewatering effluent does not meet the conditions of the General Permit, basic and specific water quality criteria.
- b. The Site-Specific Dewatering Plan may be submitted with the CWB NOI Form G or at least 30 calendar days before the start of construction dewatering activities.

13. Dewatering System Maintenance Plan

- a. The Dewatering System Maintenance Plan shall ensure that the construction dewatering effluent discharge will meet conditions of this General Permit, basic water quality criteria, and applicable specific water quality parameters. It shall, at a minimum, address the list in this item. *The following numbers correspond to the CWB NOI Form G Item numbers.*
 - ii.(2) The Operations Plan shall include a description of operations from startup to termination of the discharge (i.e., install dewatering well, excavate top "x" feet of ground, discharge

initial effluent to excavation until clear, route discharge to treatment system when effluent is clear, route discharge back to excavation if effluent becomes turbid, visual inspections, sample collections, etc.)

- ii.(5) The Sediment Handling and Disposal Plan shall describe the handling (storage and transport) and disposal of both the sediment collected in the treatment system and the excavated material.
 - ii.(7) The Cessation of Discharge Plan shall indicate under what conditions the discharge will be stopped (i.e., storm event, discharge noncompliance, maintenance, etc.).
 - ii.(8) Effluent Control Plan shall indicate the normal dewatering operations (pump, treatment, discharge).
 - iii. Treatment requirements shall include a statement of what is expected from the treatment system.
- b. The Site-Specific Dewatering BMP Plan may be submitted with the CWB NOI Form G or 30 calendar days before the start of construction dewatering activities.

14. Construction Pollution Prevention Plan

Examples of prohibited practices are: discharging the dewatering effluent without the appropriate permits, treatment, or when physical changes are discovered; continuing the dewatering operation when contamination is encountered; storing construction materials near the dewatering site(s); and falsifying the dewatering effluent water quality test report to conform to the basic water quality criteria.

15. Additional Information

Any other site-specific information pertaining to the project may also be provided in this section. Additional sheets may be attached with reference to this item.