

HAR 11-55, Appendix C and NetDMR

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Clean Water Branch**

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**Revised HAR 11-55, Appendix C
(NPDES General Permit for Storm
Water Associated with
Construction Activities)**



Revised HAR 11-55, Appendix C

- Substantive modifications were made to be consistent with EPA's Construction General Permit and Effluent Limit Guidelines in 40 CFR 450.



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- ▶ All general permits required to comply with State Water Quality Standards (WQS).
 - Substantial changes in this general permit include narrative effluent limits or Best Management Practices (BMPs).
 - DOH expects that compliance with all narrative effluent limits in this general permit will result in compliance with WQS.



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- ▶ Narrative Effluent Limitations (Section 5 of General Permit).
 - ▶ Purpose of narrative effluent limitations is to design, install, and maintain erosion and sediment controls that minimize pollutant discharges from earth disturbing activities.
- ▶ Narrative Effluent Limit Examples:
 1. Storm water control design shall account for expected frequency, intensity, and duration of precipitation; nature of storm water runoff and run-on at site; and range of particle sizes on site.



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2. Natural buffer.

- ▶ Land disturbance \geq 50 feet from State water: Provide 50 foot undisturbed natural buffer and sediment control, or
- ▶ Land disturbance $<$ 50 feet from State water: Provide undisturbed natural buffer less than 50 feet and double sediment control, or
- ▶ Cannot provide natural buffer of any size: Provide double sediment control and complete stabilization within 7 calendar days of temporary or permanent cessation of earth disturbance.
- ▶ See general permit for exceptions for linear construction projects.
- ▶ Not required to enhance vegetation or provide if none exists.



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3. Install sediment controls along all perimeter areas of site that will receive storm water from earth disturbing activities.
4. Protect storm drain inlets that receives project site storm water only if Permittee has authority to access storm drain inlet.
 - ▶ May be removed in event of flood conditions where safety or loss of property is concern.
5. Discharges of all non-storm water is prohibited. This includes storm water mixed with wash water/effluent and storm water that has contacted contaminated soil.



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6. For any portion of site that discharges to sediment or nutrient-impaired State waters, complete stabilization within 7 calendar days after temporary or permanent cessation of earth-disturbing activities.



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7. Complete BMP routine maintenance by close of next work day after discovering problem.
8. Complete significant repairs to BMPs no later than 7 calendar days from time of discovery.



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9. Inspections required at least once every 7 calendar days,
or
once every 14 calendar days and within 24 hours of
occurrence of a storm event of 0.25 inches or greater and
within 24 hours after the end of the storm.
- ▶ Inspections required by “qualified person” knowledgeable in principles and practices of erosion and sediment control and pollution prevention who can assess conditions at the construction site that can impact water quality, and the skills to assess the effectiveness of storm water controls to meet requirement of general permit.
 - ▶ Must keep rain gauge on site or obtain storm event information from weather station that is representative of location.
 - ▶ Inspections required during project’s normal working hours.



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- 10.** For any portion of site that discharges to impaired waters, inspections required:
- Once every 7 calendar days; and
 - Within 24 hours of occurrence of a storm event of 0.25 inches or greater.
 - Permittee may reduce frequency of inspections to once per month in any area of site where stabilization has been completed in accordance with general permit.



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11. Inspect receiving State waters for turbidity, color, floating oil and grease, floating debris, and items that may be toxic to humans or aquatic life.
 - ▶ If discharge enters a MS4 or separate drainage system you may inspect discharge entering drainage system rather than receiving water (except if there is an upset event, BMP failure, or rainfall events greater than 0.25 inches).



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- 12.** Permittee must complete inspection report within 48 hours of completing site inspection. Report must be signed by Certifying Person or authorized representative and kept at site.



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13. Permittee shall prepare monthly compliance reports to be kept on-site and available.

- ▶ Upon DOH receiving EPA's Cross-Media Electronic Reporting Regulation (CROMERR) approval, monthly compliance reports will be required to be submitted through the e-Permitting Portal.



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➤ SWPPP

(Storm Water Pollution Prevention Plan)

- Site-specific, written document.
- Identifies potential sources of storm water pollution at your construction site.
- Describes storm water control measures to reduce or eliminate pollutants in storm water discharges from your construction site.
- Identifies procedures you will implement to comply with the terms and conditions of this general permit.



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- SWPPP (Section 7 of General Permit)
 - All Permittees required to develop their SWPPP prior to submitting NOI.
 - Do not submit SWPPP with NOI.
 - SWPPP required to be kept on-site along with copy of NOI, all correspondence between DOH and Permittee, and NGPC.
 - SWPPP may be modified as often as needed in accordance with Section 7.4. Do not submit to DOH.
 - Current copy of SWPPP must be kept on-site or at an easily accessible location so it can be made available to DOH or EPA upon request.



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- Contents of SWPPP (Section 7.2)
 - Storm water team.
 - Nature and size of construction activities.
 - Documentation of emergency-related project declared by President of United States or State Governor.
 - Identification of sub-contractors.
 - Construction sequence.
 - Site maps, including locations of BMPs and State waters.



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- Contents of SWPPP (Section 7.2) Cont'd.
 - List of pollutant-generating activities and all sources of non-storm water.
 - Buffer documentation.
 - Description of storm water controls.
 - Stabilization practices.
 - Post construction measures.
 - Spill prevention and response procedures.
 - Waste management procedures.
 - Procedures of inspection, maintenance, and corrective action.
 - Staff training.



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- **Appendix C NPDES General Permit:**
 - Prescriptive.
 - Requirements provided for each component of SWPPP.
 - If you would like to request coverage, read requirements and determine how you are going to comply.



Signatures on Documents

- Certifying Person – authorized to certify and sign all submittals.
- Authorized Representative (optional) – authorized to certify and sign most compliance submittals, revisions to SWPPP.
- May print the Certifying Person's name on the Transmittal and Certification form and have someone else sign "for" the Certifying Person.



Questions?

- ▶ Contact information for e-Permitting Portal questions.
 - Web Admin Email: epwebadmin@doh.hawaii.gov
 - Web Admin Phone: (808) 586-4350
 - Address: Environmental Health Administration
Hawaii Department of Health
1250 Punchbowl Street
Honolulu, Hawaii 96813

- ▶ Contact information for NPDES General Permit questions.
 - DOH-CWB Email: cleanwaterbranch@doh.hawaii.gov
 - DOH Phone: (808) 586-4309
 - Address: DOH-CWB
919 Ala Moana Blvd, Room 301
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