

TITLE 11
ADMINISTRATIVE RULES DEPARTMENT OF HEALTH
CHAPTER 19
EMERGENCY PLAN FOR SAFE DRINKING WATER

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Historical Note: Chapter 19 of Title 11, Administrative Rules, is based substantially upon the Emergency Plan for Safe Drinking Water, Department of Health. [Eff. 9/08/77; R 11/27/81]

§11-19-1 Purpose.

To prescribe procedures to be utilized by the department of health (DOH) to provide safe drinking water during emergency situations. [Eff. 11/27/81] (Auth: HRS §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-2 Definitions.

As used in this chapter:

"CDA" means Civil Defense Agency.

"Corps" means United States Army Corps of Engineers.

"DHO" means the state department of health district health officer or district health office, as appropriate.

"DOH" means the state department of health.

"DWS" means the department of water supply.

"EPHSD" means the environmental protection and health services division of the state department of health.

"MHSD" means the medical health services division of the state department of health. [Eff. 11/27/81] (Auth: §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-3 Types of Emergencies.

(a) "Type A" emergencies are major state or county disasters and include: nuclear disasters, tsunamis, earthquakes, volcano eruptions, floods, hurricanes and tornadoes. Type A disasters will most likely be characterized by:

(1) Relatively widespread disruption of many basic public services in the affected areas;

(2) A significant number of people affected and, consequently, a significant extent and degree of public health risk - requiring greater assistance from, and cooperation with, other governmental agencies; or

(3) Major strains on available resources - with greater likelihood that assistance priorities and allocation of DOH resources will be set by agencies other than DOH (e.g. governor's office, mayors' offices, civil defense agencies).

(b) "Type B" emergencies are limited situations affecting only water systems and include: drought, major contamination of a system's basic water source, major destruction or impairment of a system's physical facilities which substantially interferes with quantity and quality of water delivered to the public. Type B emergencies will most likely be characterized by:

(1) An impact essentially limited to the water system and not directly impacting other public services;

(2) A more limited number of affected people, but nonetheless a possibly high degree of health risk;

(3) More flexibility available to department of health in setting its assistance priorities and access by department of health and water supplier to other resources for assistance. [Eff. 11/27/81] (Auth: HRS §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-4 Responsibilities in emergency circumstances involving drinking water.

The primary responsibilities of DOH on all emergency circumstances involving drinking water shall be:

(1) To coordinate with other governmental agencies and the private sector to provide drinking water supplies to areas deprived of such supplies as a result of the emergency.

(2) To sample and analyze drinking water supplies to determine the existence and extent of potential contamination of drinking water supplies as a result of the emergency.

(3) To prescribe appropriate procedures to be undertaken by water suppliers and consumers to minimize health risk resulting from any such contamination of drinking water.

(4) To aid water suppliers, if necessary, in notifying consumers regarding the seriousness of the emergency conditions and measures to be undertaken by consumers to minimize health risks resulting from drinking water contamination.

(5) If emergency drinking water supplies are to be provided from an alternative water source, to determine whether the alternative source is safe and whether the means of its transport or delivery have made or are likely to make the water unsafe when delivered for consumption. [Eff. 11/27/81] (Auth: HRS §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-5 Plans required of county and state agencies.

(a) "Type A" and "Type B" emergencies county water systems.

(1) The state and all county government agencies in Hawaii shall have emergency response plans, to deal with drinking water problems.

(2) Each county department of water supply shall have a plan, updated at least yearly, which includes designation of key personnel and contact numbers; lists of resources (manpower, equipment, and facilities); designation of supporting agencies and utilities; description of alert procedures; responsibilities of specified department staff members; and methods of communication to be utilized in an emergency. Each county shall promptly file its latest updated plan with the DOH, drinking water section.

(3) State and county CDA shall develop and maintain preparedness plans that establish the emergency responsibilities and functions of the government agencies which will provide disaster assistance.

(4) Plans shall provide for emergency public notification and information procedures coordinated with the civil defense system, the civ-alert emergency radio, television announcements, and the use of fire and police department mobile public address systems as appropriate and necessary.

(b) "Type A" and "Type B" emergencies—private water systems.

(1) Private water supplies shall respond to emergency situations to the extent of their ability, recognizing that private water suppliers may lack the proper and necessary resources.

(2) The primary initial support will be from the county DWS, with resources from other public and private agencies utilized as necessary. Provision of certain types of assistance by a county CDA to private suppliers may first require a declaration of emergency by the county mayor.

(3) Many private suppliers have contracts and informal arrangements with public agencies and can secure emergency assistance by these means. [Eff. 11/27/81] (Auth: HRS §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-6 Operational responsibilities—general principles.

- (a) The DOH has neither the equipment nor the expertise to actually "provide" water in an emergency nor does it have generally-recognized authority to mobilize such equipment, expertise, or other resources from a wide range of public and private agencies.
- (b) Primary responsibility for the actual physical provision of drinking water in any type of emergency does not rest with the DOH and shall rest with an agency or agencies which have the relevant equipment or expertise, or access to such equipment or expertise. The DOH should be limited to those activities described in this plan.
- (c) No person or agency shall provide emergency supplies of drinking water unless the supplies have been determined to be safe by DOH (On Oahu, the DWS of the city and county of Honolulu may make the determination of safe consultation with DOH).
- (d) "Type A" emergencies.
- (1) State and county CDA have the primary responsibility to coordinate provision of all emergency services, including safe drinking water.
 - (2) The state and county CDA shall discharge their responsibility through mobilization of resources of all county, state, and federal agencies, and the private sector, in accordance with state and county civil defense plans.
 - (3) DOH shall perform activities described in this plan and will be performed as requested by the CDA's.
- (e) "Type B" emergencies--island of Oahu.
- (1) City and county of Honolulu DWS and DOH have primary responsibility to determine whether conditions threaten the adequate supply or quality of drinking water.
 - (2) The DOH shall perform activities as requested by the city and county of Honolulu.
- (f) "Type B" emergencies--all other islands.
- (1) The county DWS shall make the initial determination whether conditions exist which may affect quantity or quality of drinking water in a specific geographical area.
 - (2) The DHO shall determine whether the conditions affecting quantity or quality of drinking water pose a threat to public health.
 - (3) The county DWS shall have primary responsibility to take steps necessary to provide adequate supplies of safe drinking water.
 - (4) Either the county DWS or the DHO may request the county to declare an official "emergency"; after such a declaration, the county CDA shall assume primary responsibility to coordinate to ensure that adequate safe drinking water is provided through mobilization of county, state, federal, and private sector, resources. [Eff. 11/27/81] (Auth: HRS §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-7 Notice of emergencies to DOH personnel.

(a) "Type A" emergencies.

(1) The state CDA shall notify DOH emergency health mobilization coordinator who shall notify the chief, EPHSD. The chief, EPHSD, shall notify the drinking water supervisor, EPHSD; chief, laboratories branch, MHSD; and DHO.

(2) The county CDA shall notify the DHO, who shall notify the chief sanitarian, DHO; laboratory administrator, DHO, and chief, EPHSD. The chief, EPHSD, shall notify the drinking water supervisor, EPHSD, and chief, laboratories branch, MHSD.

(b) "Type B" emergencies

(1) On Oahu, the water supplier shall notify the chief, EPHSD. The chief, EPHSD, shall notify the drinking water supervisor, EPHSD, and chief, laboratories branch, MHSD.

(2) On Hawaii, Maui, Molokai, Lanai, and Kauai, the water suppliers shall notify the DHO who shall notify the chief sanitarian, DHO; laboratory administrator, DHO; and chief, EPHSD. The chief, EPHSD, shall notify the drinking water supervisor, EPHSD, and chief, laboratories branch, MHSD. [Eff. 11/27/81] (Auth: HRS §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-8 DOH activities.

(a) "Type A" emergencies.

(1) The DOH and CDA shall determine response priorities, resource allocation, and activities in consultation with appropriate DOH personnel.

(2) Within the DOH as relating to drinking water, the DHO in consultation with the chief, EPHSD, shall determine response priorities, resource allocation, and activities.

(3) Within the DOH, the chief, EPHSD, shall coordinate with DHO as necessary and communicate as necessary between the state CDA and DHO regarding priorities and availability of assistance, and provide support services from DOH in Honolulu and from DHO's as needed.

(4) The DOH shall coordinate primarily with state and county CDA and county DWS's for necessary alternative water supplies and equipment to ensure supplies as requested by the county or as needed.

(5) The DOH shall sample and analyze drinking water supplies as requested by the county or as needed.

(6) The DOH shall determine health risks posed by drinking water as requested by the county or as needed.

(7) The DOH shall inform water suppliers and consumers of appropriate measure to minimize health risks resulting from drinking water.

(8) The DOH shall cooperate with CDA and water suppliers in notifying public (by police and fire department public address systems, radio and television announcements, newspapers, or other appropriate means) of necessary public health protection measures to be taken regarding drinking water.

(b) "Type B" emergencies.

(1) The DHO shall determine DOH response priorities, resource allocation, and activities in consultation with the chief, EPHSD, as appropriate. Also the chief, EPHSD, shall provide support from Honolulu or other DHO as needed.

(2) The DOH shall coordinate primarily with CDA and DWS for necessary alternative water supplies and equipment to ensure supplies.

(3) The DOH shall sample and analyze drinking water supplies as required by the county or as needed.

(4) The DOH shall determine health risks posed by drinking water.

(5) The DOH shall inform water suppliers and consumers of appropriate measures to minimize health risks resulting from drinking water as requested by the county or as needed.

(6) The DOH shall cooperate with CDA and DWS in notifying the public (by police and fire department public address systems, radio and television announcements, newspapers, or other appropriate means) of necessary public health protection measures to be taken regarding drinking water.

(c) Special responsibilities.

(1) The chief, EPHSD, if requested by the state CDA, shall coordinate with the corps for the corps to initiate measures for furnishing drinking water during situations in which the source of water has been contaminated.

(2) The DOH recognizes that the corps is authorized to provide temporary emergency supplies of clean drinking water pursuant to public law 84-99, as amended, Emergency Flood Control Work, 33 U.S.C. 701n., and under the specific conditions described in 33 C.F.R. Part 214. The corps' efforts are limited to situations clearly beyond the resources reasonably available to the state and locality.

(3) As needed or appropriate, the chief, EPHSD, shall coordinate with the state department of the attorney general to take legal action as set forth in HRS §§340E-4. [Eff. 11/27/81] (Auth: HRS §§340E-5, 340E-9) (Imp: HRS §§340E-5, 340E-9, 42 U.S.C. §300g-2(a)(5))

§11-19-9 Contact list.

The list located at the end of this chapter entitled "Contact List" dated September 1981 provides addresses and telephone numbers of certain agencies and officials relevant to this emergency plan, accurate as to the effective date of this rule. The DOH shall receive, keep, and make available for copying the latest updated county plans.

Contact List - September 1981

The State of Hawaii, Department of Health, and Supporting Organizations

HAWAII DEPARTMENT OF HEALTH

Honolulu office - 1250 Punchbowl Street, P.O. Box 3378,

Honolulu 96801

Director of health	548-6505/7404/7406
Emergency health mobilization coordinator	548-3227
Deputy director for environmental health	548-4139/4159
Chief, environmental protection and health services division (EPHSD)	548-6455
Drinking water supervisor, EPHSD	548-4682/2235
Chief, laboratories branch, medical health services division, (MHSD)	548-6324/7400/7440

Hawaii district health office - 75 Aupuni Street, Hilo 96720

District health officer	961-7210
Chief sanitarian	961-7371

Kauai district health office - 3040 Umi Street, Lihue 96766

District health officer 245-4495

Chief sanitarian 245-4323

Maui district health office - 54 High Street, Wailuku 96793

District health officer 244-4293

Chief sanitarian 244-4255

COUNTY DEPARTMENTS OF WATER SUPPLY

County of Hawaii department of water supply - 25 Aupuni
Street, Hilo 96720

Manager 969-1421

City and county of Honolulu board of water supply - 630
South Beretania, Honolulu 96813

Manager and chief engineer 527-7081

County of Kauai department of water - 4398 Pua Loke, Lihue
96766

Manager and chief engineer 245-6986

County of Maui department of water supply- County Building,

Wailuku 96793

Director 244-7835

CIVIL DEFENSE AGENCIES

Civil defense division, Hawaii department of defense - Fort Ruger,
Honolulu 96816

Director 734-2161

Hawaii county civil defense agency- 34A Rainbow Drive, Hilo
96720

Executive coordinator 935-0031

Off Hours 935-3311

Kauai county civil defense agency - 4396 Rice Street, Lihue 96766

Administrator 245-4001

Maui county civil defense agency - County Building, Wailuku 96793

Administrator 244-7721/7823

Oahu civil defense agency - 650 S. King Street, Honolulu 96813

Administrator 523-4121

PUBLIC WORKS DEPARTMENTS

Public works division, Hawaii department of accounting and general services - 1151 Punchbowl Street, Honolulu 96813

Engineer 548-4560

County of Hawaii - 25 Aupuni Street, Hilo 96720

Director and chief engineer 961-8321

City and county of Honolulu - 650 South King Street, Honolulu 96813

Director and chief engineer 523-4341

County of Kauai - 3021 Umi Street, Lihue 96766

Director and chief engineer 245-3318

County of Maui - County Building, Wailuku 96793

Manager and chief engineer 244-7846

U.S. ARMY CORPS OF ENGINEERS - Fort Shafter,

Honolulu 96858

Emergency management division

438-1673/2538

Commander, and district engineer

438-1091/1069