



# RULE-MAKING ORDER PERMANENT RULE ONLY

## CR-103P (December 2017) (Implements RCW 34.05.360)

CODE REVISER USE ONLY

OFFICE OF THE CODE REVISER  
STATE OF WASHINGTON  
FILED

DATE: July 23, 2024

TIME: 2:49 PM

WSR 24-15-129

**Agency:** State Board of Health

**Effective date of rule:**

**Permanent Rules**

31 days after filing.

Other (specify) \_\_\_\_\_ (If less than 31 days after filing, a specific finding under RCW 34.05.380(3) is required and should be stated below)

**Any other findings required by other provisions of law as precondition to adoption or effectiveness of rule?**

Yes  No If Yes, explain:

**Purpose:** Chapter 246-500 WAC – Handling of Human Remains. The State Board of Health adopted changes to WAC 245-500-050, WAC 246-500-053, and WAC 246-500-055 to align with changes in statute. These rules establish the requirements for remains reduced through cremation, alkaline hydrolysis, and natural organic reduction. Under these sections, the local registrar or the Department of Health may issue a burial-transfer permit for the disposition of cremated remains, remains reduced through alkaline hydrolysis, or remains reduced through natural organic reduction which have been in the lawful possession of any person, firm, corporation, or association for a holding period established by statute. The holding period is established in RCW 68.50.230, which was recently amended from 90 days to 45 days. The amendment also added counties to the list of entities that may lawfully dispose of human remains after the holding period. The adopted changes align the rule with the changes in statute.

**Citation of rules affected by this order:**

New: None

Repealed: None

Amended: WAC 246-500-050, WAC 246-500-053, and WAC 246-500-055

Suspended:

**Statutory authority for adoption:** RCW 43.20.050(2)(f)

**Other authority:**

**PERMANENT RULE (Including Expedited Rule Making)**

Adopted under notice filed as WSR 24-10-094 on April 30, 2024.

Describe any changes other than editing from proposed to adopted version:

There have been no changes to the proposed rule language filed under WSR 24-10-094.

If a preliminary cost-benefit analysis was prepared under RCW 34.05.328, a final cost-benefit analysis is available by contacting:

Name:

Address:

Phone:

Fax:

TTY:

Email:

Web site:

Other:

**Note: If any category is left blank, it will be calculated as zero.  
No descriptive text.**

**Count by whole WAC sections only, from the WAC number through the history note.  
A section may be counted in more than one category.**

**The number of sections adopted in order to comply with:**

Federal statute:	New	0	Amended	0	Repealed	0
Federal rules or standards:	New	0	Amended	0	Repealed	0
Recently enacted state statutes:	New	0	Amended	3	Repealed	0

**The number of sections adopted at the request of a nongovernmental entity:**

New	<u>0</u>	Amended	<u>0</u>	Repealed	<u>0</u>
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**The number of sections adopted on the agency's own initiative:**

New	<u>0</u>	Amended	<u>0</u>	Repealed	<u>0</u>
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**The number of sections adopted in order to clarify, streamline, or reform agency procedures:**

New	<u>0</u>	Amended	<u>0</u>	Repealed	<u>0</u>
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**The number of sections adopted using:**

Negotiated rule making:	New	<u>0</u>	Amended	<u>0</u>	Repealed	<u>0</u>
Pilot rule making:	New	<u>0</u>	Amended	<u>0</u>	Repealed	<u>0</u>
Other alternative rule making:	New	<u>0</u>	Amended	<u>3</u>	Repealed	<u>0</u>

**Date Adopted:** June 12, 2024

**Name:** Michelle A. Davis

**Title:** Executive Director, State Board of Health

**Signature:**



AMENDATORY SECTION (Amending WSR 21-01-039, filed 12/7/20, effective 1/7/21)

**WAC 246-500-050 Human remains reduced through cremation.** (1)

Other than the provisions in this section and WAC 246-500-010, this chapter does not apply to human remains after cremation.

(2) A local registrar, in cooperation with the Washington state funeral and cemetery board, may issue a burial-transit permit for disposition of cremated human remains. The permit for the disposition of cremated remains may be used in connection with the transportation of cremated remains by common carrier or other means.

(3) The local registrar or the department of health may issue a burial-transit permit for the disposition of cremated human remains which have been in the lawful possession of any person, firm, corporation, county, or association for a period of (~~ninety~~) 45 days or more. This permit will specify that the disposition of cremated remains must be consistent with Washington state laws and rules.

AMENDATORY SECTION (Amending WSR 21-01-039, filed 12/7/20, effective 1/7/21)

**WAC 246-500-053 Human remains reduced through alkaline hydrolysis.** (1) Other than the provisions in this section and WAC 246-500-010, this chapter does not apply to human remains after alkaline hydrolysis.

(2) A hydrolysis facility must:

(a) Operate a high-temperature purpose built vessel, that reaches a minimum temperature of (~~two hundred fifty~~) 250 degrees Fahrenheit for a minimum of (~~thirty~~) 30 minutes during the reduction process; or

(b) Operate a purpose built vessel, for which third-party validation testing is provided demonstrating the reduction process destroys prions, and achieves sterilization in both the water and airspace, according to the manufacturer's specifications. The testing criteria must include a matrix-assisted laser desorption/ionization time of flight (MALDI-TOF) mass spectrometry peptide sizing analysis and a (~~6~~) six spore log reduction or greater in the level of *Bacillus* spores. An operator shall retain this documentation on-site and be able to provide it upon request to state or local health officials.

(3) A local registrar, in cooperation with the Washington state funeral and cemetery board, may issue a burial-transit permit for disposition of human remains reduced through alkaline hydrolysis. The permit for the disposition of remains reduced through alkaline hydrolysis may be used in connection with the transportation of remains reduced through alkaline hydrolysis by common carrier or other means.

(4) The local registrar or the department of health may issue a burial-transit permit for the disposition of human remains reduced through alkaline hydrolysis which have been in the lawful possession of any person, firm, corporation, county, or association for a period of (~~ninety~~) 45 days or more. This permit will specify that the disposition of remains reduced through alkaline hydrolysis must be consistent with Washington state laws and rules.

**WAC 246-500-055 Human remains reduced through natural organic reduction.** (1) Other than the provisions of this section and WAC 246-500-010, this chapter does not apply to human remains after natural organic reduction.

(2) A natural organic reduction facility operator shall:

(a) Collect material samples for analysis that are representative of each instance of natural organic reduction using a sampling method such as described in the U.S. Composting Council 2002 Test Methods for the Examination of Composting and Compost, Method 02.01-A through E;

(b) Analyze each instance of reduced human remains for physical contaminants. Reduced remains must have less than 0.01 mg/kg dry weight of physical contaminants which include, but are not limited to, intact bone, dental fillings, and medical implants;

(c) Analyze, using a third-party laboratory, the reduction facility's reduced human remains according to the following schedule:

(i) The reduction facility's initial 20 instances of reduced human remains for the parameters identified in Table 500-A, and any additional instances of human remains necessary to achieve 20 reductions meeting the limits identified in Table 500-A;

(ii) Following 20 reductions meeting limits outlined in Table 500-A, analyze, at minimum, 25 percent of a facility's monthly instances of reduced human remains for the parameters identified in Table 500-A until 80 total instances have met the requirements in Table 500-A;

(iii) The local health jurisdiction may require tests for additional parameters under (b) and (c) of this subsection;

(d) Not release any human remains that exceed the limits identified in Table 500-A;

(e) Prepare, maintain, and provide upon request by the local health jurisdiction, an annual report each calendar year. The annual report must detail the facility's activities during the previous calendar year and must include the following information:

(i) Name and address of the facility;

(ii) Calendar year covered by the report;

(iii) Annual quantity of reduced human remains;

(iv) Results of any laboratory analyses of reduced human remains;

and

(v) Any additional information required by the local health jurisdiction; and

(f) Test for arsenic, cadmium, lead, mercury, and selenium, and either fecal coliform or salmonella in reduced human remains to meet the testing parameters and limits identified in Table 500-A.

**Table 500-A  
Testing Parameters**

<b>Metals and other testing parameters</b>	<b>Limit (mg/kg dry weight), unless otherwise specified</b>
Fecal coliform	< 1,000 Most probable number per gram of total solids (dry weight)
or	

Salmonella	< 3 Most probable number per 4 grams of total solids (dry weight)
and	
Arsenic	≤ 20 ppm
Cadmium	≤ 10 ppm
Lead	≤ 150 ppm
Mercury	≤ 8 ppm
Selenium	≤ 18 ppm

(3) A local registrar, in cooperation with the Washington state funeral and cemetery board, may issue a burial-transit permit for disposition of human remains reduced through natural organic reduction. The permit for the disposition of remains reduced through natural organic reduction may be used in connection with the transportation of remains reduced through natural organic reduction by common carrier or other means.

(4) The local registrar or the department of health may issue a burial-transit permit for the disposition of human remains reduced through natural organic reduction which have been in the lawful possession of any person, firm, corporation, county, or association for a period of ((90)) 45 days or more. This permit will specify that the disposition of remains reduced through natural organic reduction must be consistent with Washington state laws and rules.