



2025 Waste-Derived or Micronutrient Fertilizer Product Questionnaire

For use by fertilizer product registrants to submit information to Washington State Department of Ecology under RCW 15.54.820 to determine if use of your waste-derived or micronutrient fertilizer is consistent with chapter 70A.205 RCW, chapter 70A.300 RCW, and federal RCRA statutes (42 U.S.C. Sec. 6901 et seq.).

NOTE: The order of questions has changed to improve usability and reduce error rates.

Only ONE fertilizer product per completed questionnaire.

WSDA Reg. Num.:

Company Name:

Product Name:

Registration Type: ☐ New Registration (No previous Ecology approval) ☐ Renewal Registration (Ecology has approved before)

1. Does the product label guarantee any of the following: total nitrogen (N), available phosphate (P₂O₅), soluble potash (K₂O), calcium (Ca), magnesium (Mg), or sulfur (S)? ☐ Yes
☐ No (Micronutrient fertilizer)

2. Is the fertilizer product free from all by-products of another production process, wastes, or waste-derived, ingredients? ☐ Yes
☐ No (Waste-derived fertilizer)

NOTE:

- If you checked “yes” to both questions 1 and 2 above, this product does not require Ecology review; you are not required to submit this form.
- If you answered “No” to either question 1 or 2 above, you must submit this completed Questionnaire unless the product is a repack (exactly the same ingredient formulation as an already registered fertilizer product).

3. This product contains less than 1% total Halogenated Organic Compounds (HOCs). ☐ Yes
☐ No (HOC lab test required)

4. Fertilizer Product Waste-Derived or Micronutrient Ingredients (NOTE: Attach an additional table if you need more rows)

Waste-derived AND/OR Micronutrient Ingredients (NOTE: Ingredient names must match the names on product label “Derived From” statement)	Source(s) of Ingredient (Example: company ABC)	Industry Generating Ingredient (Examples: food processing, mining, agriculture, chemical manufacturing)	Ingredient Country of Origin	Ingredient WSDA Reg # (if applicable)

5. RENEWALS ONLY: Have all the ingredients and sources of those ingredients, remained exactly the same since the last product registration? ☐ Yes
☐ No (see NOTE below)

NOTE: If you answered “No”, then you must either:

- 1) Certify (by checking this box ☐) that the current laboratory analysis results on file at WSDA accurately represent the product, **OR**
- 2) Submit a new metals concentration laboratory analysis following the requirements in Number 6 below for New Registrations.

6. Metals Concentration TCLP Laboratory Analysis Report

Attach a copy of your laboratory report to this Questionnaire. Laboratory analysis and reports must meet the requirements in this section of the Questionnaire, or must be repeated and a new report submitted. Copies of old laboratory analysis reports will not be accepted.

New Registrations

- Concentration analysis reported in parts per million (ppm) of: Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Lead (Pb), Mercury (Hg), Selenium (Se), and Silver (Ag).
- Use EPA SW 846 Method 1311 (Toxicity Characteristic Leaching Procedure) extraction prior to concentration analysis.
- The laboratory report clearly states the use of EPA Method 1311 for analyte extraction.
- Analysis uses a detection limit at, or below, the regulatory limit for each metal (limits listed in Instructions).
- The laboratory analysis must be conducted 8 months or less from the date your registration application is received by WSDA.

Renewal Registrations

Refer to your previous Ecology Consistency Determination to see if further laboratory analysis is required. All analysis must be conducted at least 2 years after the previous analysis.

Totals Analysis Alternative

For fertilizer products made of only organic ingredients (examples: manure, wood chips, seafood-processing waste, feather meal, brewers grains, etc.) originating within the United States of America. See Instructions for further details.

7. Certification: “I certify that the information provided on this application is true and correct to the best of my knowledge.”

Print Name:

Signature:

Date:

Instructions

Your Completed Questionnaire Must Include:

For New Product Registrations (no previously approved registration):

- A completed and signed Ecology Questionnaire on the current form with all questions (except Number 5) answered. Old forms will not be accepted.
- A copy of your laboratory analysis report meeting the requirements of Number 6.
- A copy of your current fertilizer product label.

Renewal Registrations (renewal of your existing registration):

- Refer to your previous Ecology Consistency Determination (Ecology email stating that use of your fertilizer product is consistent with dangerous/hazardous waste regulations under RCW 1554.820).
- A completed and signed Ecology Questionnaire on the current form with all questions answered appropriately (instructions in previous Ecology Consistency Determination). Old forms will not be accepted.
- A copy of any laboratory analysis reports required in the previous Ecology Consistency Determination. Metals concentration analysis must meet the requirements in Number 6.

Testing Method Information

Toxicity Characteristic Leaching Procedure (TCLP): EPA SW 846 [Method 1311](#)

Halogenated Organic Compounds (HOCs): EPA SW 846 [Method 9023](#), [Method 9020b](#), or [Method 9076](#), or the signed certification statement for this product. The HOC test may be required at the discretion of the Department of Ecology.

Totals Analysis Alternative: In lieu of a TCLP (Toxicity Characteristic Leaching Procedure) extraction and analysis, the Total metal concentrations may be accepted for products containing only organic (examples: manures, food processing wastes, wood chips, etc.) ingredients when all of the product and/or ingredients in the product originate within the USA. This means the laboratory analysis you request will need to include the total metal concentrations for barium (Ba), chromium (Cr), and silver (Ag) in addition to the nine metals required by the Washington State Department of Agriculture (WSDA). However, it should be clear that after Ecology review, if totals were submitted, TCLP test results may still be required at the discretion of the Department of Ecology. For a listing of the acceptable laboratory methods to determine total metals, please see the [WSDA Heavy Metals Test Requirements](#).

Definitions

Micronutrient Fertilizer: A produced or imported commercial fertilizer that contains commercially valuable concentrations of micronutrients but does not contain commercially valuable concentrations of nitrogen, phosphoric acid (phosphate), available phosphorus, potash, calcium, magnesium, or sulfur.

Waste-Derived Fertilizer: A commercial fertilizer that is derived in whole or in part from solid waste as defined in chapter 70.95 or 70.105 RCW, or rules adopted thereunder, but does not include fertilizers derived from biosolids or biosolids products regulated under chapter 70.95J RCW or wastewaters regulated under chapter 90.48 RCW. To determine whether your product contains waste ingredients, see WAC 173-303-016.

Halogenated Organic Compound (HOC): Any organic compound that includes one or more atoms of fluorine, chlorine, bromine, or iodine, bonded directly to a carbon atom.

TCLP Metal Concentration Regulatory Limits ([WAC 173-303-090](#))

Metal	Symbol	CAS #	Concentration Limit (ppm)	Recommended TCLP Reporting Limit (ppm)
Arsenic	As	7440-38-2	5.0	1.0
Barium	Ba	7440-39-3	100.0	50.0
Cadmium	Cd	7440-43-9	1.0	0.1
Chromium	Cr	7440-47-3	5.0	1.0
Lead	Pb	7439-92-1	5.0	1.0
Mercury	Hg	7439-97-6	0.2	0.01
Selenium	Se	7782-49-2	1.0	0.1
Silver	Ag	7440-22-4	5.0	1.0