

Year 2009 Questionnaire for Fertilizer Registrants

PURPOSE

The information provided will assist the Washington State Departments of Agriculture (WSDA) and Ecology (Ecology) in the timely and efficient processing of your application for registration of commercial fertilizer. Chapter 15.54 RCW requires you to submit the analytical test results described below to demonstrate your waste derived and micronutrient fertilizers are in compliance with Washington's Dangerous Waste Regulations.

The information provided will be used, in part, to determine if your fertilizer product(s) will be registered for sale in Washington. **Complete and accurate answers are required.**

Company Name _____

Contact Name _____ Phone (____) _____

Email Contact _____ WSDA Reg. #(s) _____

- | | Yes | No | Unsure | |
|----|-----|-----|--------|---|
| 1. | ___ | ___ | ___ | Are any of your products waste-derived fertilizers? "Waste-derived" means the origin of one or more of the fertilizer components/ingredients is a waste or a secondary material generally from a production process. Waste-derived fertilizers are defined in RCW 15.54.270. <u>Rule of thumb</u> : ingredients that are not the primary product of a manufacturing or mining process are generally waste-derived for purposes of registration. |
| 2. | ___ | ___ | ___ | Are any of your products micronutrient fertilizers? A micronutrient fertilizer is defined in RCW 15.54.270 as "a produced or imported commercial fertilizer that contains commercially valuable concentrations of micronutrients, but does not contain commercially valuable concentrations of nitrogen, phosphoric acid, available phosphorus, potash, calcium, magnesium or sulfur." |

Check all that apply: Are any of the components/ingredients used in making your product(s) from:
(***provide applicable WSDA Reg. #s)

- ___ an industrial, production, or manufacturing process _# _____
- ___ the mining, petroleum or petrochemical industry _# _____
- ___ any process that uses acids (e.g., processing cotton seeds, etching) _# _____
- ___ other recycling processes or industries _# _____
- ___ used materials (e.g., solvents, dipping or stripping solutions, drywall) _# _____
- ___ dust from air pollution control, sludge, ash, oil (not animal/vegetable) _# _____
- ___ another country (e.g., Mexico, Canada, China) _# _____

STOP! If you answered "No" to questions 1 & 2, you do not need to continue. If you are unsure as to whether or not you need to conduct the tests listed on this questionnaire, contact Ecology (contact information on the back of this form). If you answered "Yes" or "Unsure" to questions 1 **or** 2, continue.

- | | Yes | No | |
|----|-----|-----|---|
| 3. | ___ | ___ | Are any of waste-derived or micronutrients products being registered in WA State for the <u>first time</u> ? If so, testing is required for <u>all</u> first time applications (see question #6 below). |
| 4. | ___ | ___ | Are you renewing an existing registration for the first time without changes to the |

sources/ingredients? If so, either test the product(s) again or you may use “secondary criteria”. See question #6 below for more detail. If “no” to this question then continue onto question #5.

Yes No

5. Are you renewing an existing registration and the original source(s) of the waste-derived or micronutrient material is the same or unchanged in any way from the last time the product was registered in WA State? If so and the product has been reviewed and approved at least twice before by Ecology no additional testing is needed unless you are notified by Ecology; for example, routine check or in response to a complaint, etc. If you answered “No”, then provide applicable TCLP and HOC tested as noted below (question #6).

Required Testing: Unless otherwise noted in this questionnaire, the TCLP and HOC tests are required for each new application, each first time renewals and when any sources/ingredients have changed.

Check which analyses have been provided:

6. Toxicity Characteristic Leaching Procedure (TCLP test) on waste-derived or micronutrient fertilizer products for the following eight (8) metals: **arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver.** This analysis must be conducted using standardized, accepted practices outline in *Test Methods for Evaluating Solid Waste – Physical/Chemical Methods*, Environmental Protection Agency (EPA) Publication SW-846, Method 1311; available at <http://www.epa.gov/epaoswer/hazwaste/test/sw846.htm>. The analysis results must specify that this method was used and include quality assurance and quality control test results.

OR

- “Secondary criteria” (for renewals only) as outline in WAC 173-303-505(b)(iv)(B). The State regulations can be found at <http://www.ecy.wa.gov/> (click onto “laws & rules”). Indicate the WSDA Reg. #(s) you are applying this criteria to _____

OR

- The Land Disposal Restriction (LDR) Certification as described in the federal Code of Regulations at 40 CFR Part 268.7(b)(4) as required by 268.7(b)(6). If you have filed an LDR certification with the EPA, submit a copy of that certification.

AND

- Applies Test results on the fertilizer product analyzed for Halogenated Organic Compounds (HOC). Either Method 9076 or Method 9020B of *Test Methods for Evaluating Solid Waste – Physical/Chemical Methods*, EPA Publication SW-846, should be used for HOC testing. This publication is available at <http://www.epa.gov/epaoswer/hazwaste/test/sw846.htm>. **This test is required (applicable) if there is any amount of organic fluorine, chlorine, bromine or iodine ingredients used in making the fertilizer product(s).**
- Not applies

Specific guidance for each test method listed above can also be found in Chemical Testing Methods for Designating Dangerous Waste, Ecology Publication #97-407. For information or questions regarding the required test data or publications listed above, please contact:

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