



Soil Conditioner Registration of New & Renewed **Bulk By-Products**.

Lab reports and labels are required for all new & renewed Soil Conditioner registrations. For renewals this is done on an annual basis.

IMPORTANT: Do not mail applications or renewal forms and fees until the lab reports & labels have been approved by the Maryland State Chemist. We will notify you upon approval.

Samples to be analyzed must be tested on an as-is basis.

The lab reports shall consist of the following analysis:

- 1) Nutrients: N-P-K
- 2) Metals: EPA 503 method or comparable method for 9 toxic metals:
 

Arsenic	Lead	Nickel
Cadmium	Mercury	Selenium
Copper	Molybdenum	Zinc
- 3) Toxic Organics: Polycyclic Aromatic Hydrocarbon, (P.A.H.)
  - The PAH test must be the Non-Alkylated test
  - The testing limit should be **at or below 10 parts per billion.**
  - The Method to be used is SWA 846
  - Sixteen or more chemical compounds must be listed

Note: Laboratories that conduct the P.A.H. test also have the ability to test for Metals and N-P-K.

Although a few laboratories are able to test the PAH **at or below 10 parts per billion**, at this time we are unable to provide a list of laboratories. The registrant will have to locate a laboratory.

Six Weeks: The results of all three lab reports for each product and the current label shall be sent in one email to [labels.statechemist@maryland.gov](mailto:labels.statechemist@maryland.gov) within 6 weeks of the analysis date on the report. Do not submit partial laboratory results. Include the company name in the subject line of the email.

The label should be submitted in a high resolution .PDF format that is completely legible when enlarged. Scanned labels will not be accepted. The printer's proof is best.

The lab work must be done by a laboratory outside of the registrant's internal lab.

The lab reports must pertain to the most current lot or batch. Old reports will not be accepted. For renewals they must be obtained on an annual basis to represent the registration season in which they will be sold or distributed.

The reports must represent the finished product and not the ingredients within.

The product name on the label must be present and easily identifiable within the lab reports as original print/type. Names handwritten or added electronically to the reports after the reports are created will not be accepted.

NOTE – **Composted** materials (either ingredients or finished product) require additional lab reports as outlined in the Maryland Compost Regulations. You must contact Phil Davidson regarding composted materials.

Feel free to call our office or e-mail Phil Davidson at [philip.davidson@maryland.gov](mailto:philip.davidson@maryland.gov) if you have questions.

Thank you,

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