

**I. PROCESSES FOR PRODUCT LISTING AND TREATMENT PERFORMANCE CATEGORIES**

|  | <b>Existing Products<br/>(Already in Use in Arizona)</b>  | <b>New Products<br/>(Not Yet in Use in Arizona)</b>   |
|--|---|---|
|  | Treatment technologies approved, either as a product statewide or individually for a single site, under Engineering Bulletin 12 in the old program, or under an APP Type 4 General Permit rule beginning on January 1, 2001 | Treatment technologies encompassed by an APP Type 4 General Permit that has not been used or listed for use in Arizona pursuant to A.A.C. R18-9-A309(E) |
| <b>Product Listing for Performance Meets Default Standards in 18 A.A.C. 9, Article 3, Part E</b> | See <i>List of Proprietary Treatment Products For On-Site Wastewater Systems in Arizona</i> , issued by ADEQ on June 10, 2003   | ADEQ product listing process described below  |
| <b>Product Listing for “Treatment Performance Superior to the Default Performance Values”</b>    | ADEQ product listing process described below. The current list is at <a href="http://static.azdeq.gov/forms/ppla_app.pdf">http://static.azdeq.gov/forms/ppla_app.pdf</a>  | ADEQ product listing process described below  |

**II. ADEQ PRODUCT LISTING PROCESS**

1. **Manufacturer submits Product Listing Application (PLA), and supporting documents to ADEQ.**  
Submit this application and appropriate supplemental information and forms, which are identified in rule and/or in this form. Only one copy of the application and associated documents is needed. **An electronic copy of the application and related documents must be submitted by email to [GWP\\_ERU@azdeq.gov](mailto:GWP_ERU@azdeq.gov).**
  - a. A description of the product and specifications for design, installation, operation (including the O&M manual), and warranty limitations to achieve performance for a 20-year operational life [A.A.C. R18-9-101(28)].
  - b. The Type 4 General Permit number or numbers for which the applicant is seeking product approval.
  - c. Treatment performance data documenting that the product either meets the default performance values specified in rule or exceeds them depending on which product listing the manufacturer is seeking. [In selecting treatment performance data to submit, the manufacturer should be aware that ADEQ will evaluate claims for “treatment performance superior to default performance values” based on the maximum wastewater strength in A.A.C. R18-9-101(42) and give the most weight to data developed by independent third parties on actual installations in realistic use scenarios and the least weight to data developed by the manufacturer under test bench conditions].
  - d. A check in the box on the PLA indicating whether the manufacturer wishes to make a presentation on their submittal.

**III. ADEQ will review the submittal and, if the information is sufficient, will prepare a package that contains:**

- a. Performance values to be listed.
- b. Description of the product and specifications for design, installation, operation (including the O&M manual), and warranty limitations to achieve performance for a 20-year operational life.
- c. Any conclusions on the applicability or limitations of the product.



**SUBMITTAL APPLICATION FOR  
TREATMENT PRODUCT LISTING  
ARIZONA ADMINISTRATIVE CODE R18-9-A309(E)**

- d. The review fee will be charged per hour and billed on a monthly basis during the review period. Before an approval certificate can be issued, all review costs must have been paid.

Please visit the Water Quality Division fees webpage at: [azdeq.gov/SepticSewerFees](http://azdeq.gov/SepticSewerFees)



**3 General Permit Treatment Technology**

Check below the treatment technology that is most applicable to the product described. Please note that the Arizona Department of Environmental Quality lists only those treatment products defined in Arizona Administrative Code, Title 18, Chapter 9, Article 3.

- GP 4.03 Composting Toilet [A.A.C. R18-9-E303(A)(1)]
- GP 4.09 Engineered Pad System [A.A.C. R18-9-E309(A)(1)]
- GP 4.10 Intermittent Sand Filter [A.A.C. R18-9-E310(A)(1)]
- GP 4.11 Peat Filter [A.A.C. R18-9-E311(A)(1)]
- GP 4.12 Textile Filter [A.A.C. R18-9-E312(A)(1)]
- GP 4.13 Denitrifying System Using Separated Wastewater Streams [A.A.C. R18-9-E313(A)(1)]
- GP 4.15 Aerobic System [A.A.C. R18-9-E315(A)(1)]
- GP 4.16 Nitrate-Reactive Media Filter [A.A.C. R18-9-E316(A)(1)]
- GP 4.19 Sand-Lined Trench [A.A.C. R18-9-E319(A)(1)]
- GP 4.20 Disinfection Device [A.A.C. R18-9-E320(A)(1)]

**4 Manufacturer Specifications for Product**

Describe the Manufacturer Specifications for pretreatment, appurtenances, controls, design, installation and operation of the product and enclose two (2) indexed copies:

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Description continued, \_\_ pages attached.     Manufacturer Specifications enclosed

**5 Manufacturer Warrantee and Service Recommendations for Product**

Describe the product maintenance recommendations to achieve a 20-year operational life for the product, appurtenances and controls, and include 2 indexed copies:

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Description continued, \_\_ pages attached.     Warrantee and Recommendations enclosed

**6 Exceptions to A.A.C. Title 9, Chapter 9, Article 3, Part E for the Technology Checked in Item 2**

Note: All listed treatment products shall comply with the rule applicable to the treatment technology, unless the listing specifies an alternative requirement approved by the Department. All exceptions shall be justified by independent third party data which is accepted by the Department. List each exception below, specifying the rule number and describe the alternative provision:

| RULE | DESCRIBE EXCEPTION |
|------|--------------------|
|      |                    |
|      |                    |
|      |                    |
|      |                    |
|      |                    |

**7 Data For The Department Review (enclose 2 complete indexed copies)**

Note: When a complete pursuant to A.A.C. R18-9-A309(E) and the appropriate fee is received, the Department shall review the materials submitted, including independent third party test data relevant to the treatment product under consideration. If a proposed exception in Item 5 is for treatment performance which is superior to the default values for the technology, the test data shall be for: (a) typical (raw) sewage at the maximum values in A.A.C. R18-9-101(42) and (b) documented equivalent design and operating conditions. The test data for the “documented equivalent” demonstration shall be consistent with other rule requirements and the proposal for listing. These include, but are not limited to: product design, media material and installation, loading rates and the method (such as a pump or other equipment) by which raw or pretreated wastewater is delivered to the product or removed from the product. The materials and methods used for data collection, quality assurance and reporting shall be provided to assure data are accurate and consistent.

Comments:

|  |   |  |
|--|---|--|
|  | <input type="checkbox"/> Comments continued, __ pages attached. | <input type="checkbox"/> Data for Review is enclosed |
|--|---|--|

**8 MANUFACTURER OFFICER CERTIFICATION**

I have reviewed the materials presented with this Application for Treatment Product Listing pursuant to A.A.C. R18-9-A309(E), including \_\_\_ pages of indexed attachments pertaining to the product described. I believe that these materials are an accurate representation of facts.

Officer Signature and Date Signed: \_\_\_\_\_

Officer Title: \_\_\_\_\_

Pursuant to A.R.S. § 41-1030:

- (1) ADEQ shall not base a licensing decision, in whole or in part, on a requirement or condition not specifically authorized by statute or rule. General authority in a statute does not authorize a requirement or condition unless a rule is made pursuant to it that specifically authorizes the requirement or condition.
- (2) Prohibited licensing decisions may be challenged in a private civil action. Relief may be awarded to the prevailing party against ADEQ, including reasonable attorney fees, damages, and all fees associated with the license application.
- (3) ADEQ employees may not intentionally or knowingly violate the requirement for specific licensing authority. Violation is cause for disciplinary action or dismissal, pursuant to ADEQ’s adopted personnel policy. ADEQ employees are still afforded the immunity in A.R.S. §§ 12-821.01 and 12-820.

**Attachment 1 – Submittal Checklist for a complete application package.**

This checklist provides guidance for submittal of components needed by ADEQ to reduce the time to issue a product listing certificate. Submitting the application information in the order shown below will assist ADEQ in reviewing the information in a timely manner.

| TAB # | DESCRIBE EXCEPTION   |
|-------|--|
| Cover | Narrative on product description, uses, and any special conditions or exceptions requested for the product as a cover letter to the application package  |
| 1     | Original PLA   |
| 2     | Product Information (sales material based/material a homeowner will receive outside the O&M plan)  |
| 3     | Product Warrantee (Arizona Version)  |
| 4     | Technical Drawings (Reference Drawings) to be supplied to designers  |
| 5     | Pretreatment requirements/specifications or limitations  |
| 6     | Engineering details/calculations, technical specifications, and installation requirements of the system  |
| 7     | Specifications of material, equipment, or other work that will need to be performed by someone other than the manufacturer to install/use the product    |
| 8     | O&M Material   |
| 9     | Installer instructions and supporting material including any installation restrictions   |
| 10    | Third party independent testing reports/data   |
| 11    | Design manual (if available). ADEQ does not list based on the design manual but the manual may provide information to ADEQ as part of the listing review |