



**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF WATER SYSTEM ENGINEERING  
TECHNICAL REVIEW FORM**

**AERATION  
(N.J.A.C. 7:10-11.15(a))**

Water Purveyor \_\_\_\_\_

PWSID# \_\_\_\_\_

Municipality \_\_\_\_\_

Type:  Diffused Air  
 Spray  
 Cascade

Air flow rate: \_\_\_\_\_  
Water flow rate: \_\_\_\_\_  
A:W Ratio: \_\_\_\_\_

Dimensions: \_\_\_\_\_

Construction Material: \_\_\_\_\_

	YES	NO	N/A
1. Does the incoming air pass through a screen of not less than 24 mesh? (N.J.A.C. 7:10-11.15(a)3i)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does the construction prevent contamination by birds, insects, rainfall etc? (N.J.A.C. 7:10-11.15(a)3ii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are all forced air aeration units equipped with air filters? (N.J.A.C. 7:10-11.15(a)3iii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Do the air filters include a unit to remove entrained oil when applicable? (N.J.A.C. 7:10-11.15(a)3iii)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*Submit appropriate engineering plans, specifications, reports, etc. to substantiate your answers\*

I hereby certify that answers provided herein are accurate and reflective of the project being considered for approval.

\_\_\_\_\_

Signature of Engineer  
Professional Engineer's Embossed Seal

\_\_\_\_\_

Date

\_\_\_\_\_

N.J.P.E. #

\_\_\_\_\_

Type or Print Name of Engineering Firm

PA15A(09/13)

